



1/46

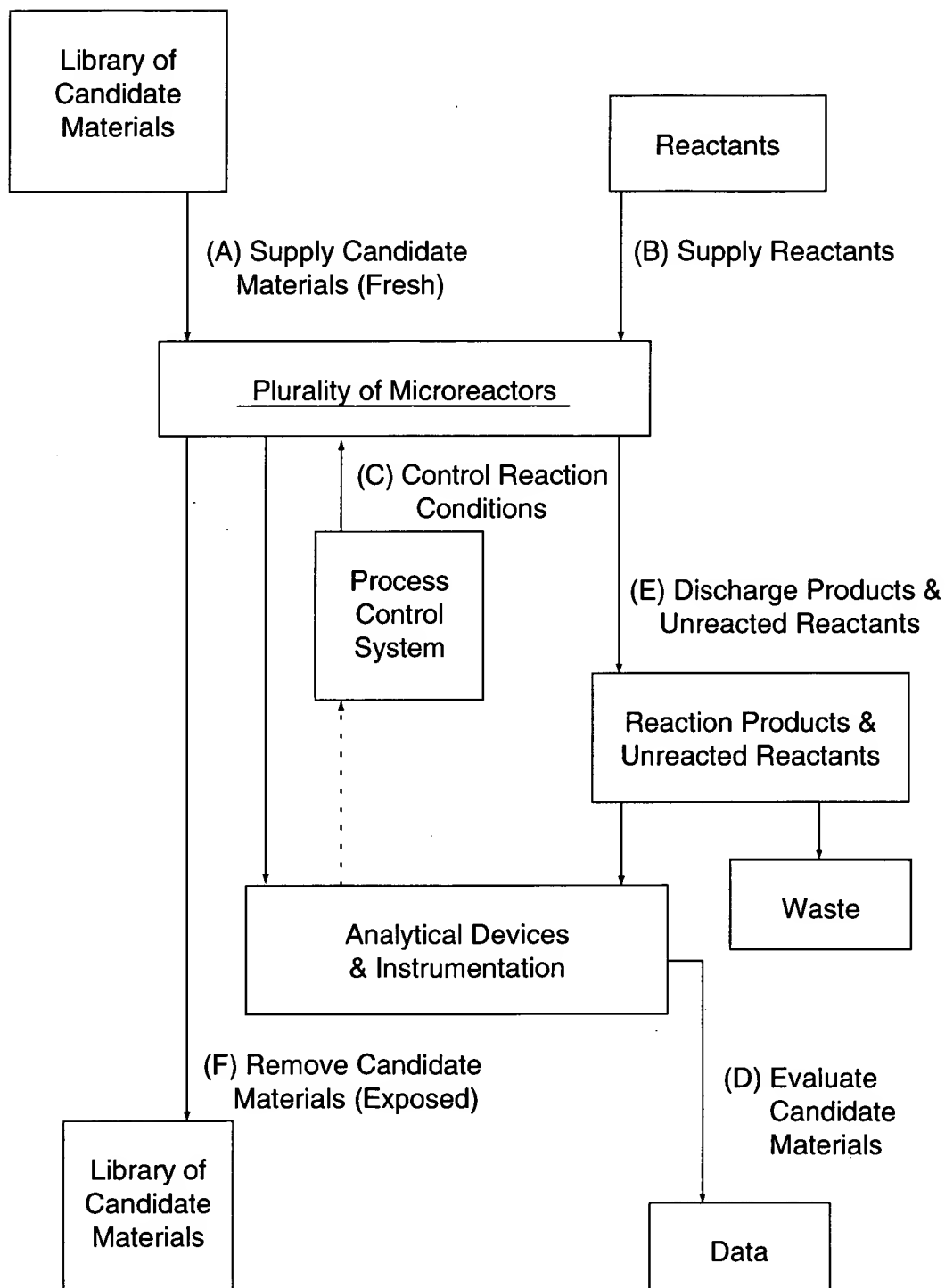


Fig. 1A

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2/46

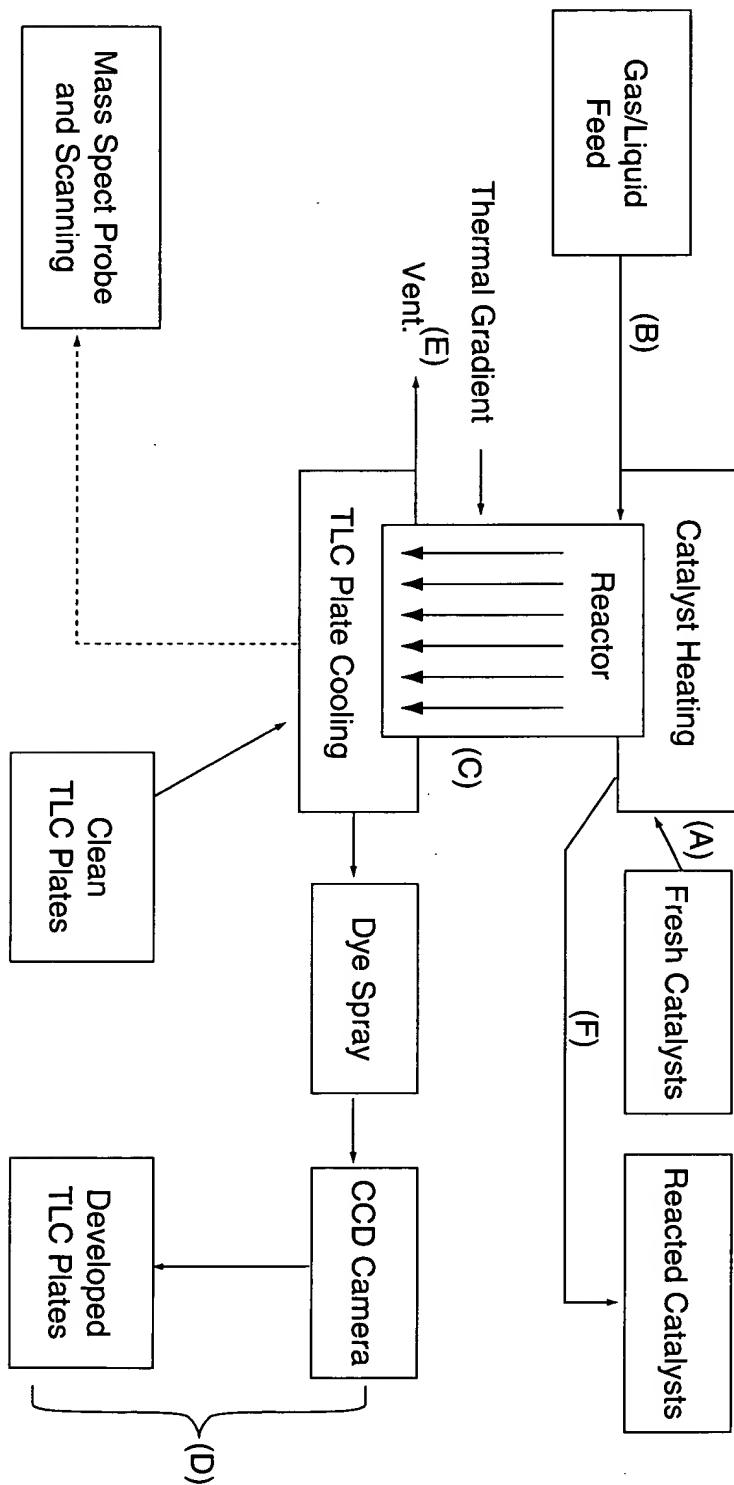


Fig. 1B

3/46

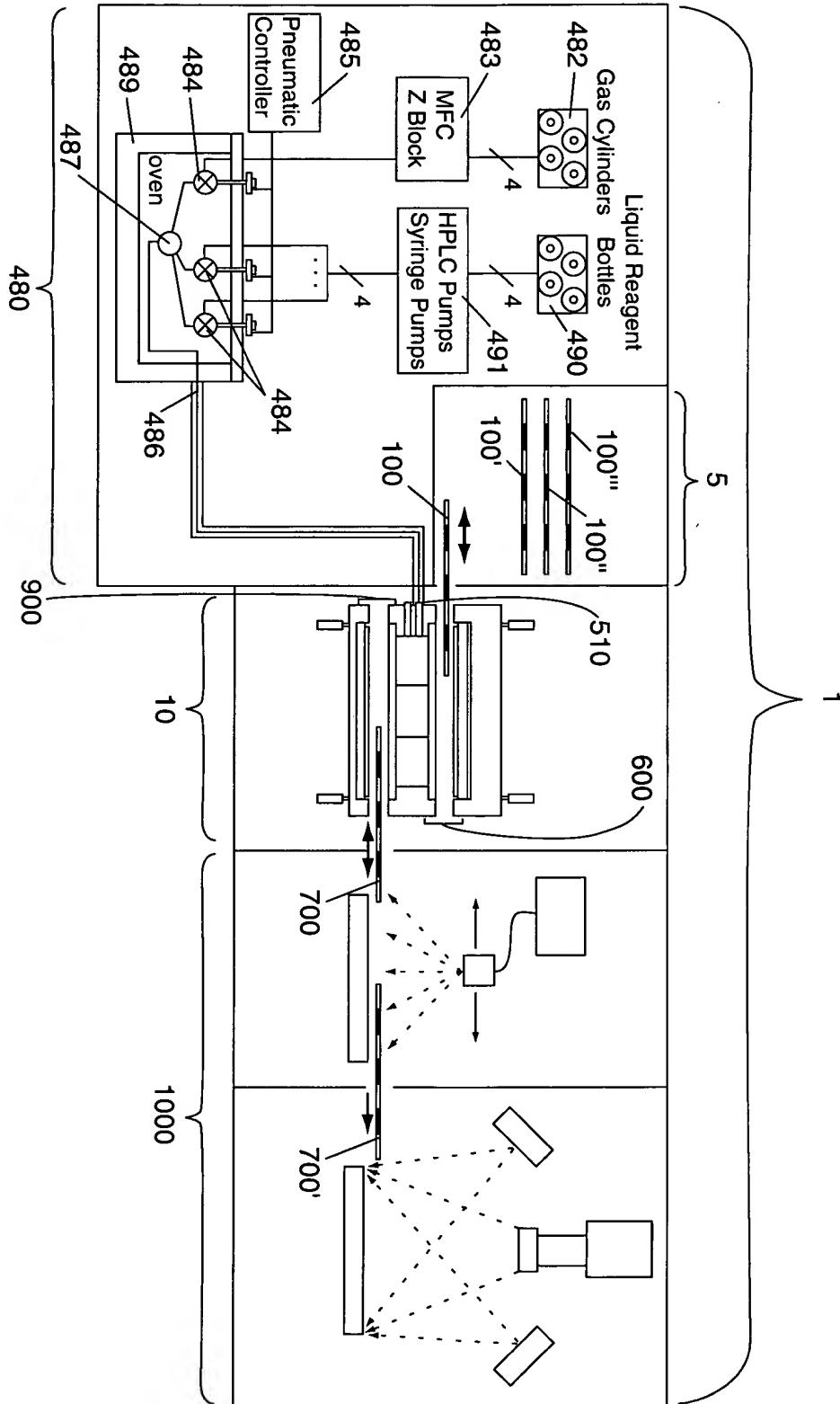


Fig. 1C

4/46

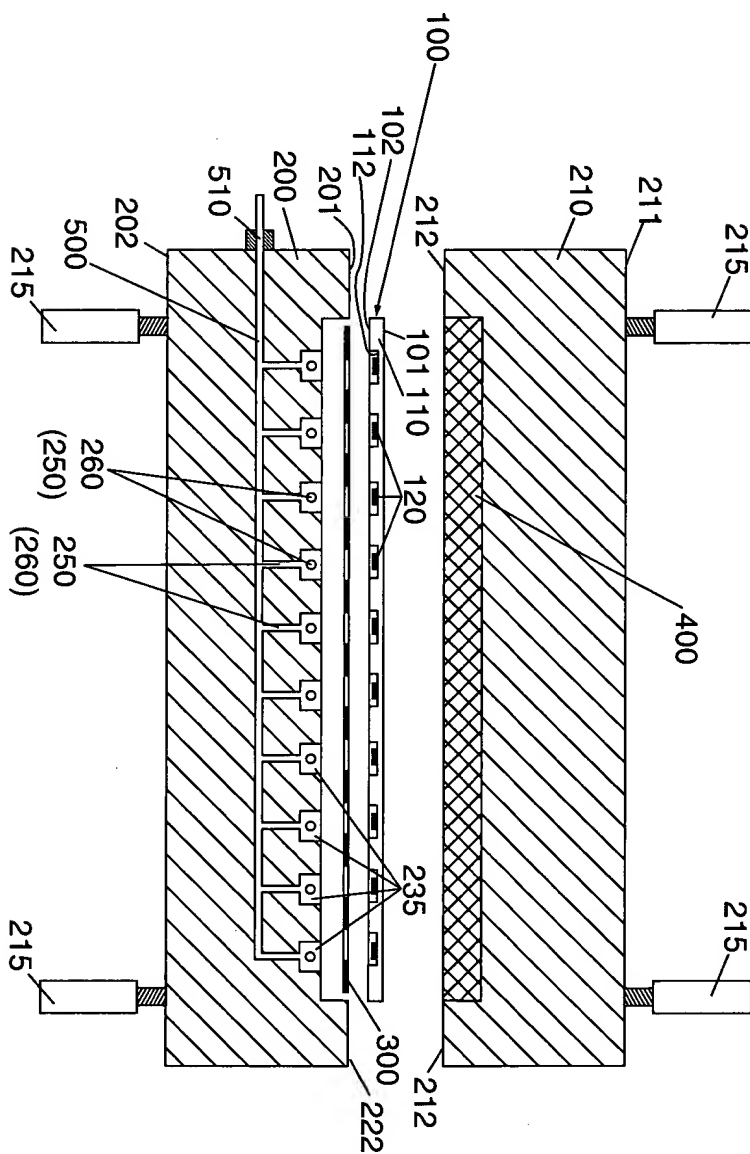
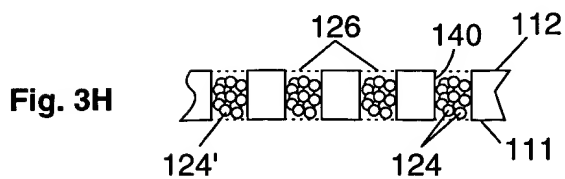
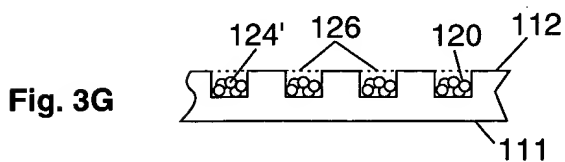
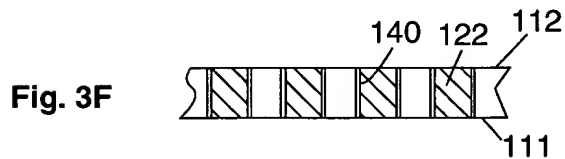
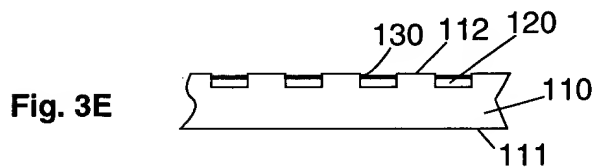
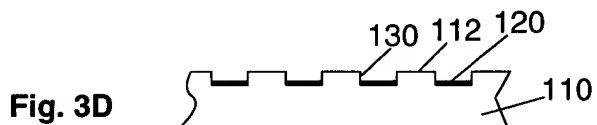
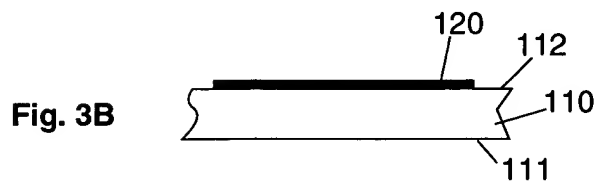
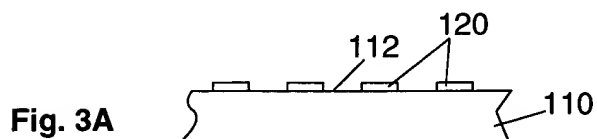


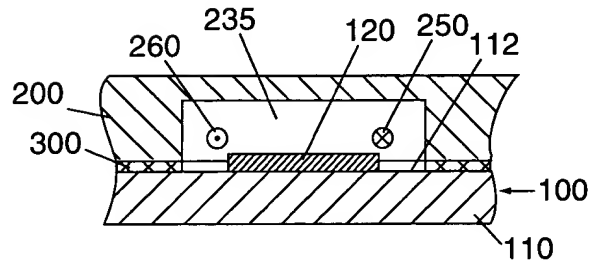
Fig 2

5/46

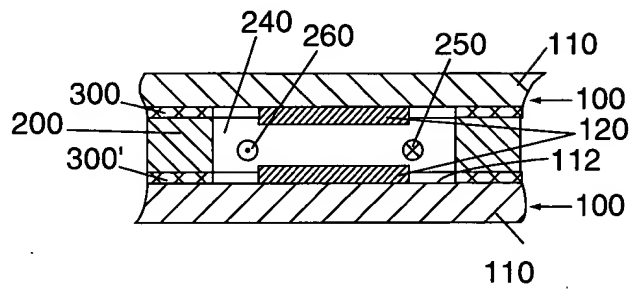


6/46

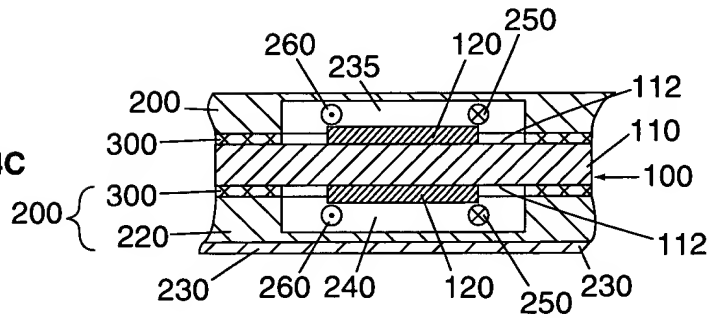
**Fig. 4A**



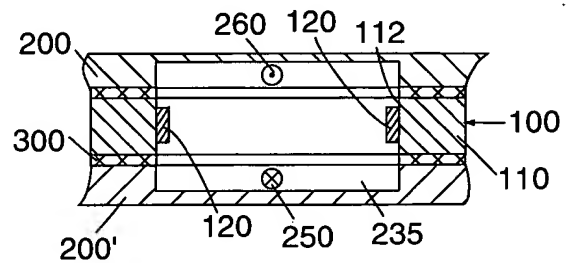
**Fig. 4B**



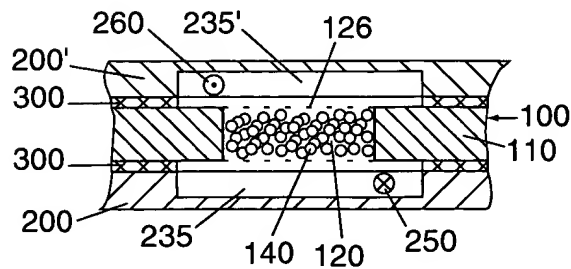
**Fig. 4C**



**Fig. 4D**



**Fig. 4E**



7/46

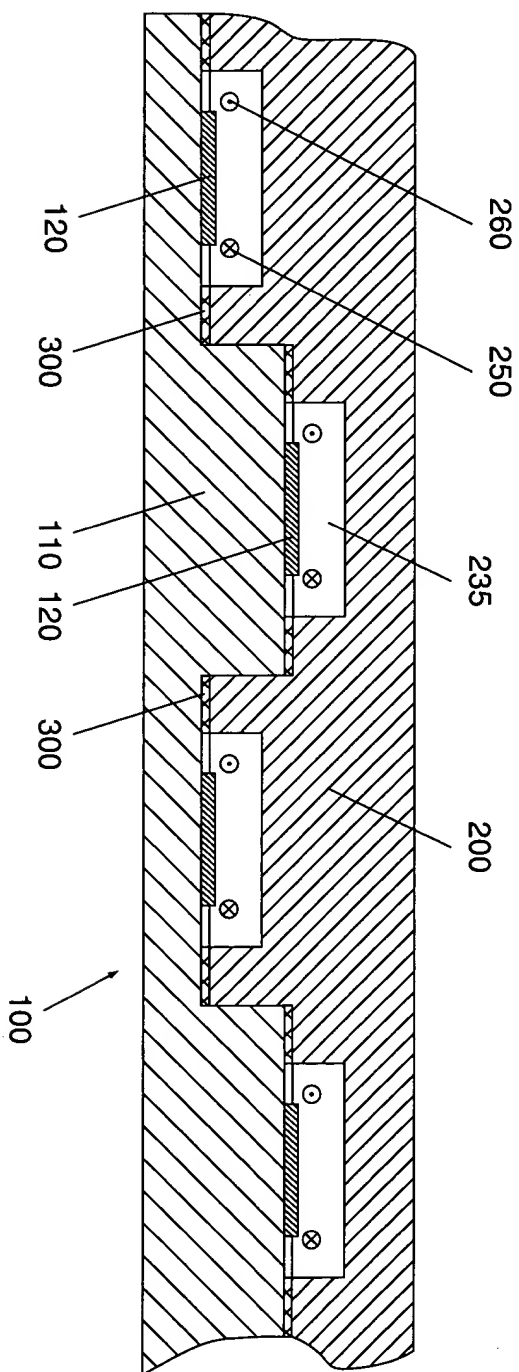


Fig. 5

8/46

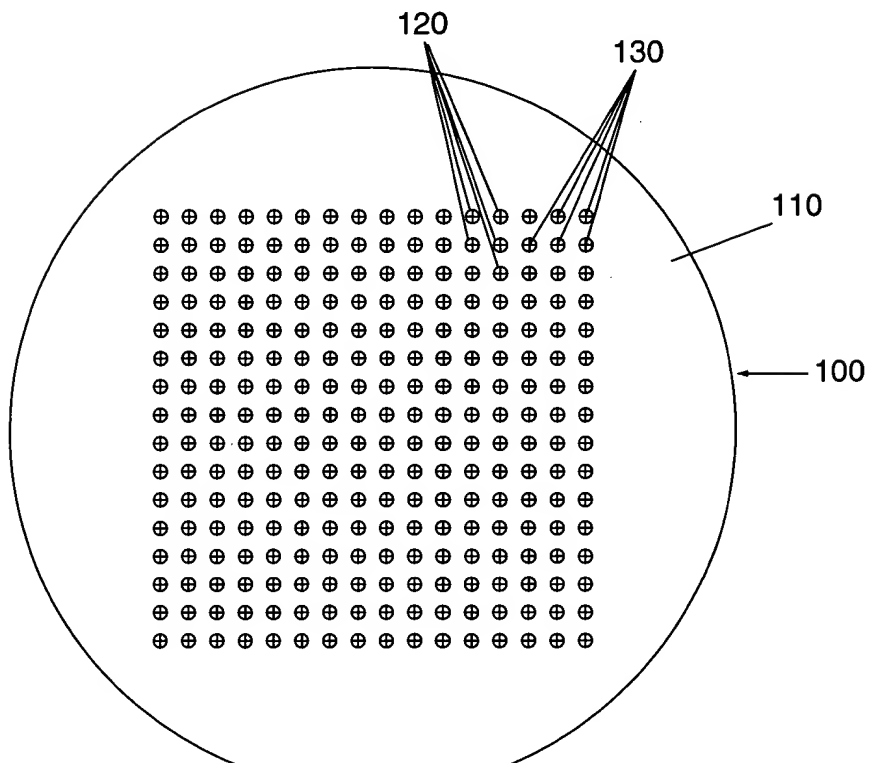


Fig. 6A

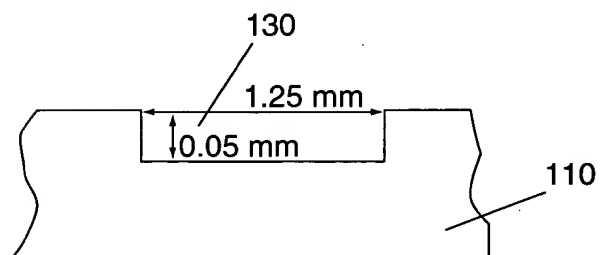


Fig. 6B



9/46

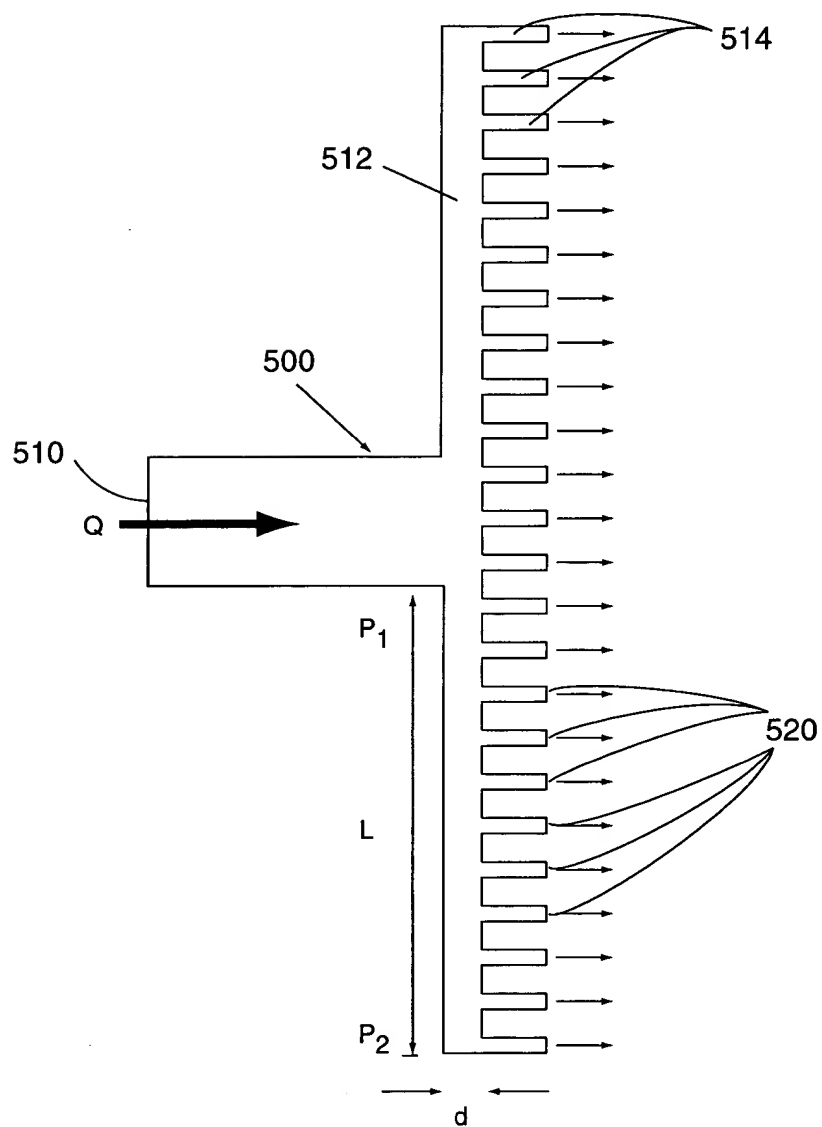
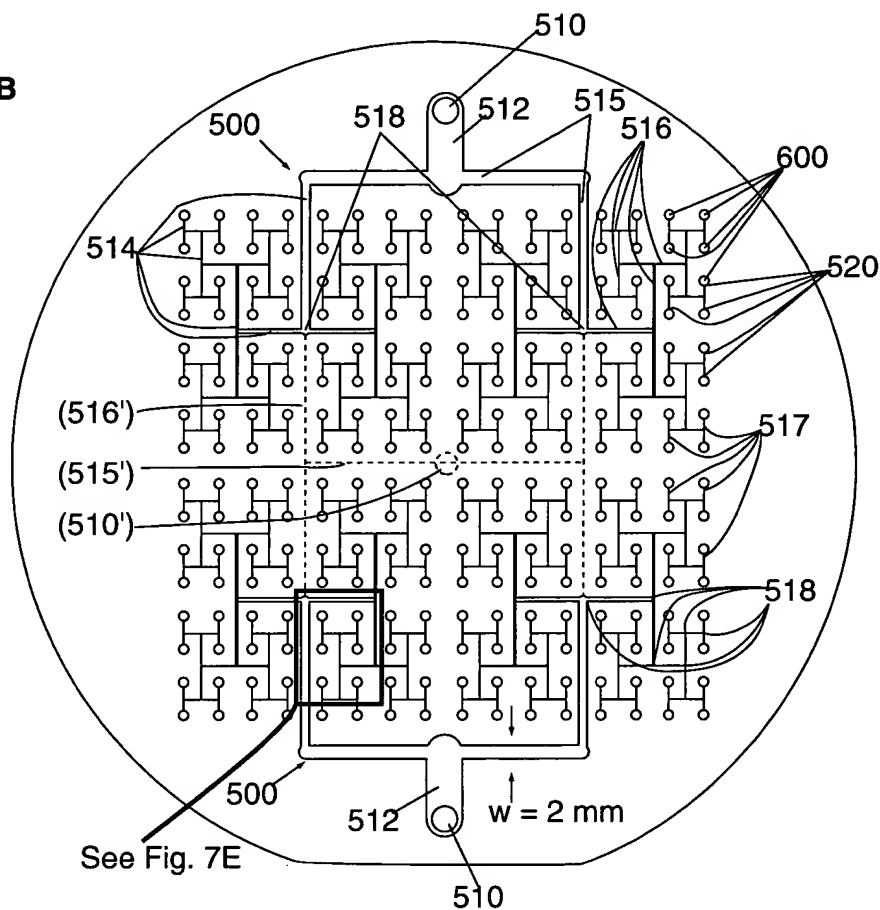


Fig. 7A

10/46

Fig. 7B



11/46

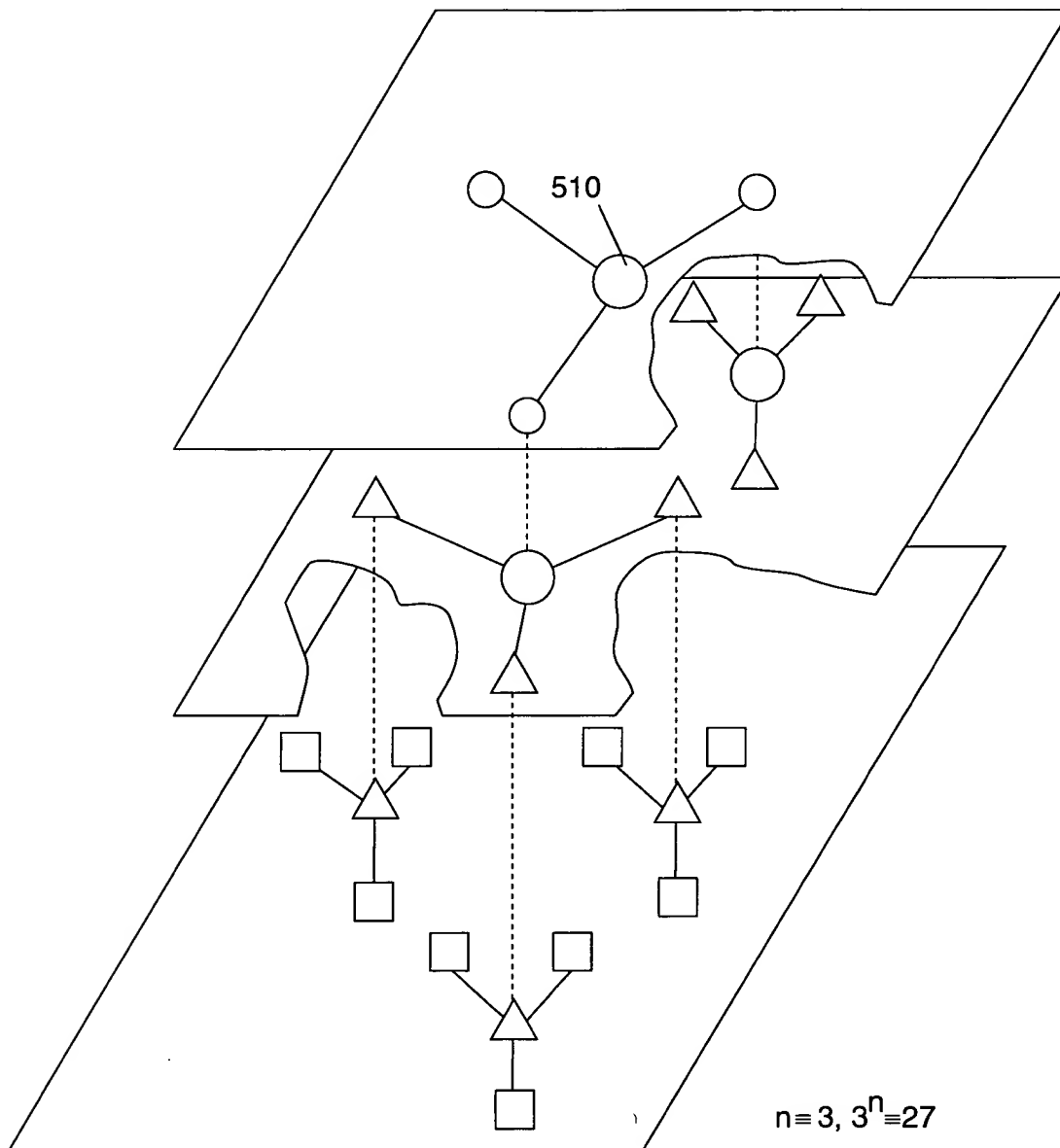
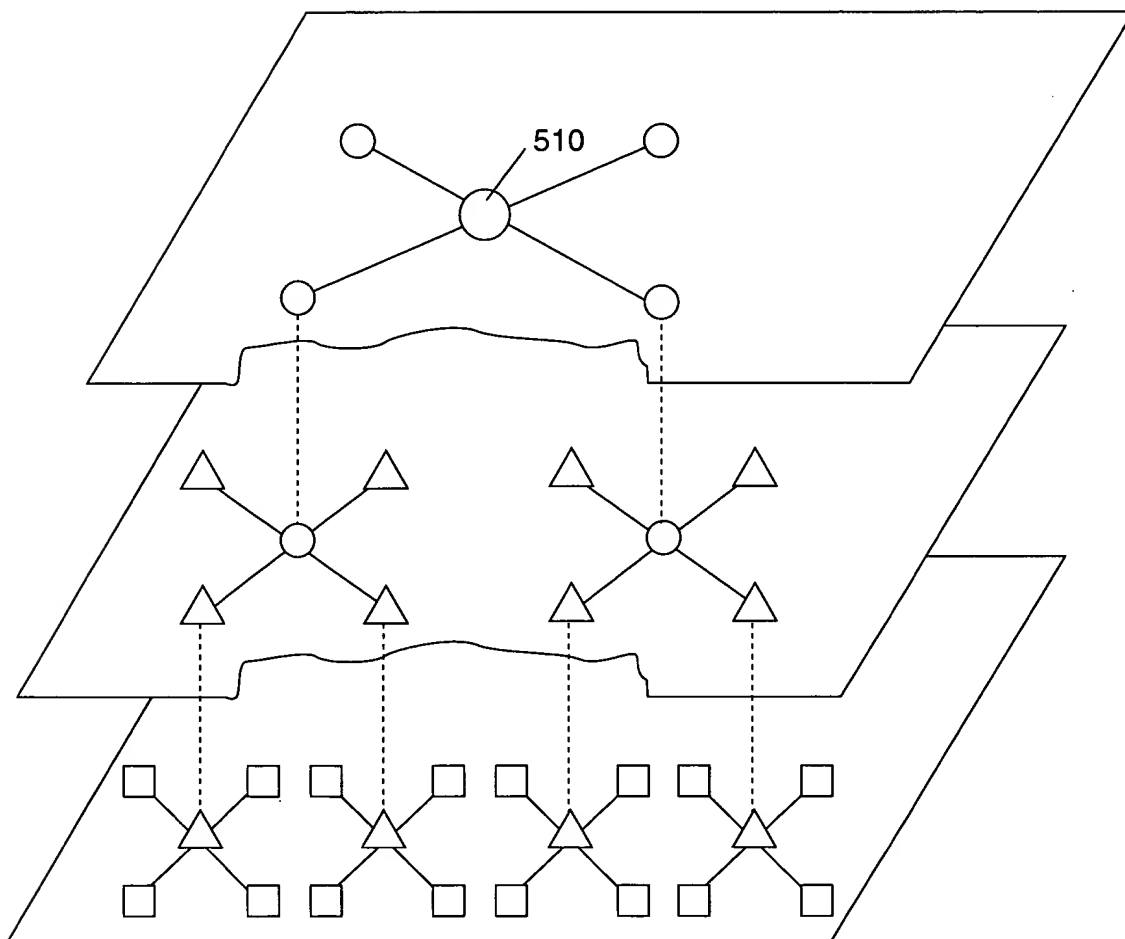


Fig. 7C

12/46



$$n=3, 4^n=64$$

Fig. 7D

13/46

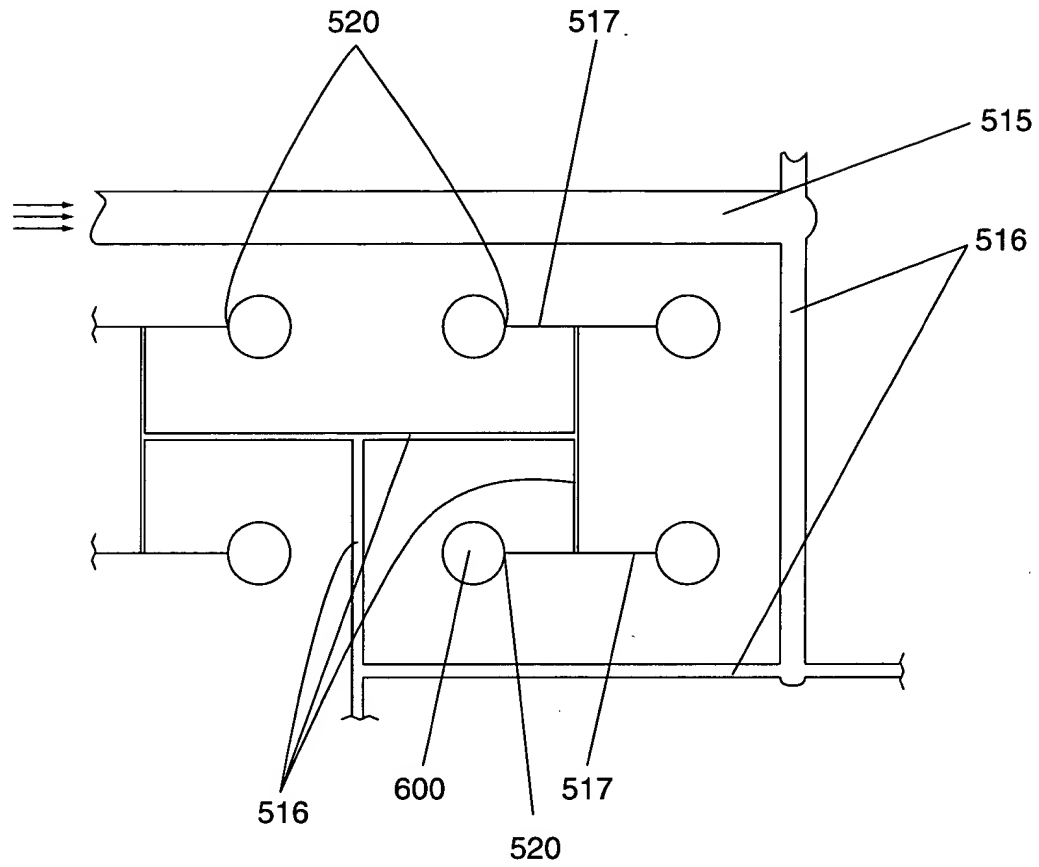
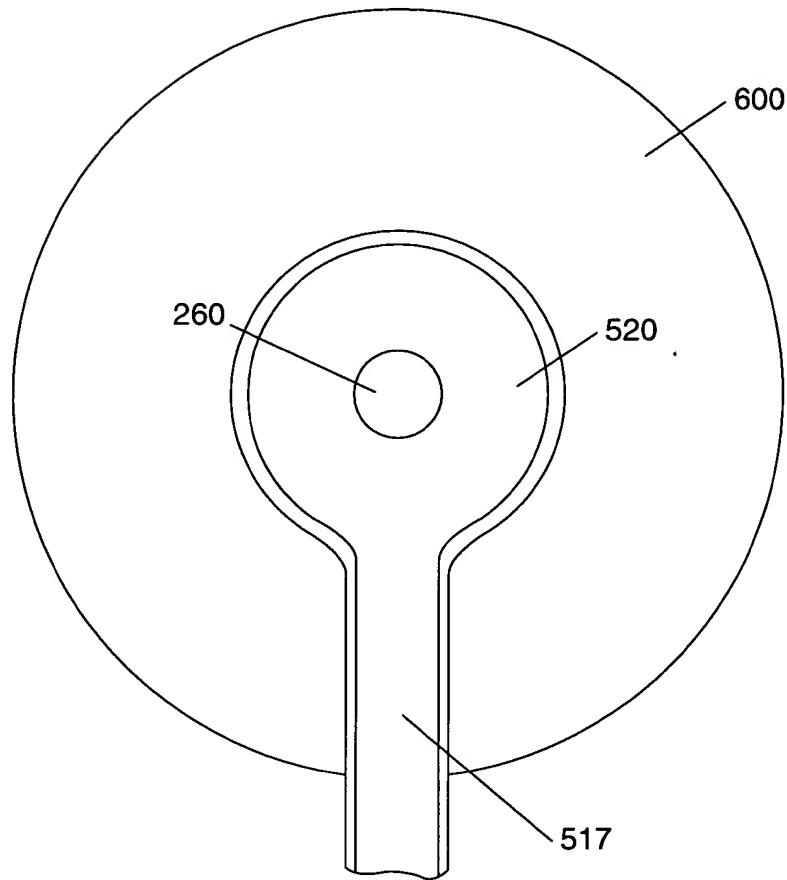


Fig. 7E

14/46



**Fig. 7F**

15/46

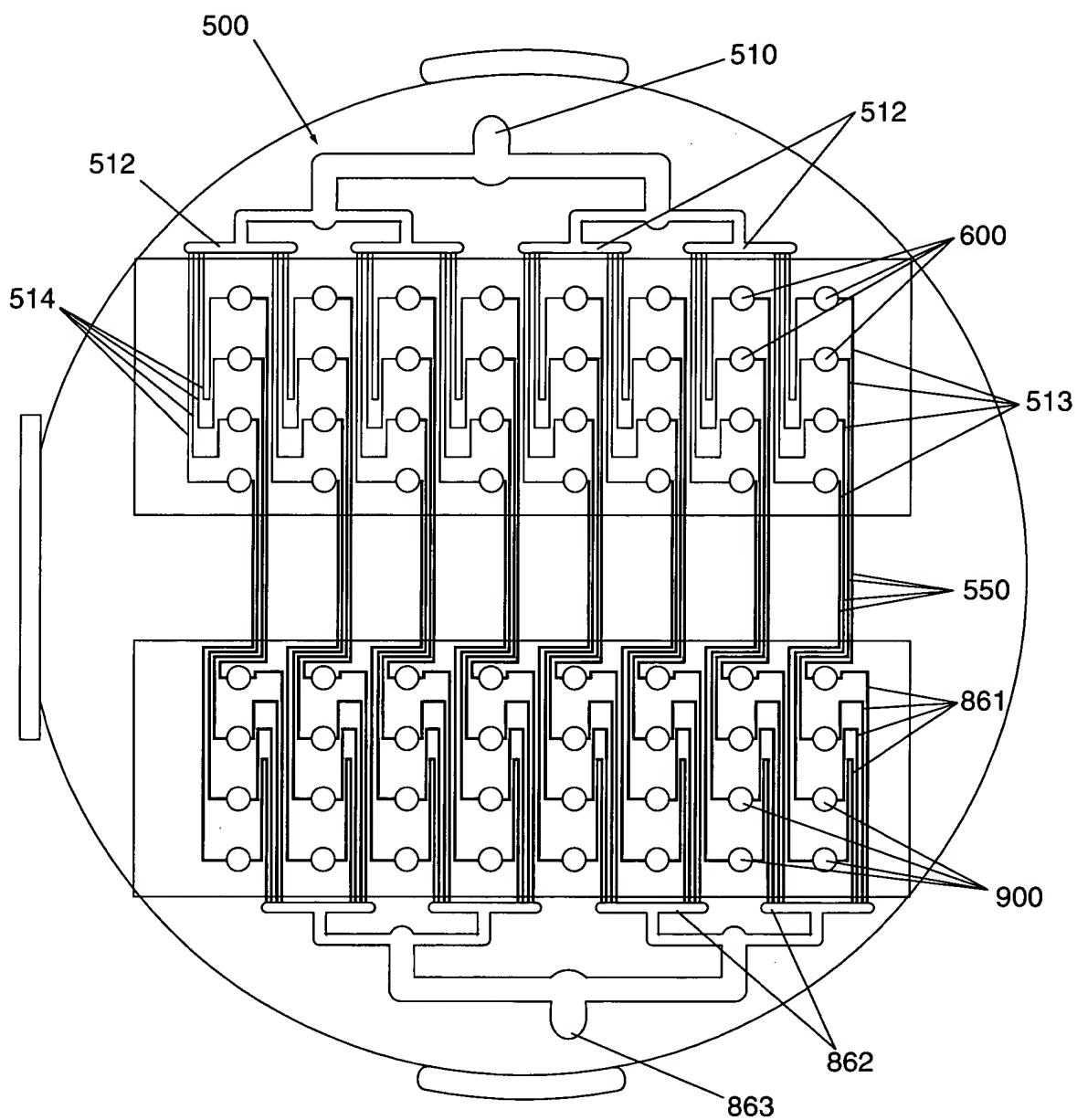


Fig. 7G

16/46

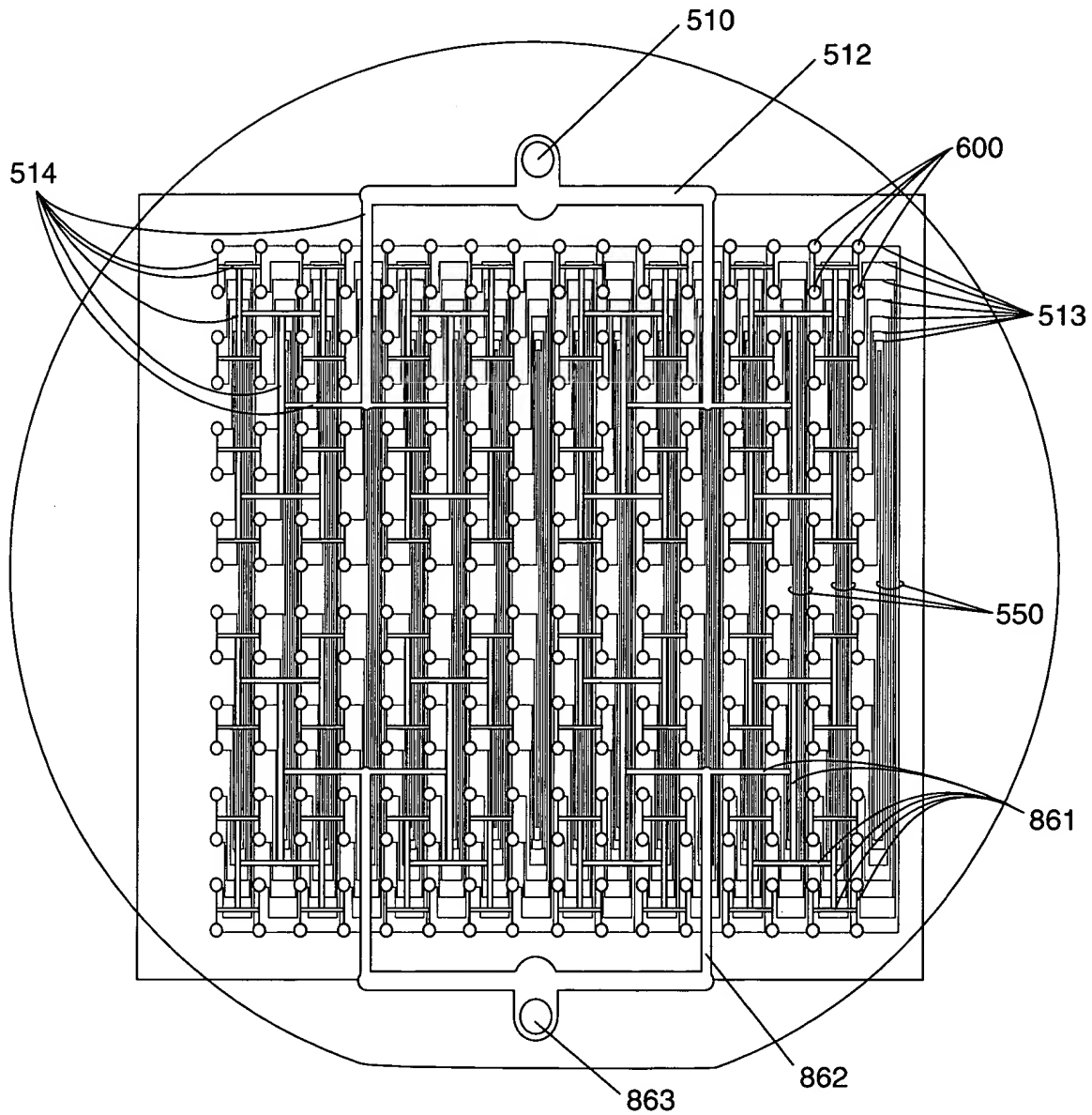


Fig. 7H



17/46

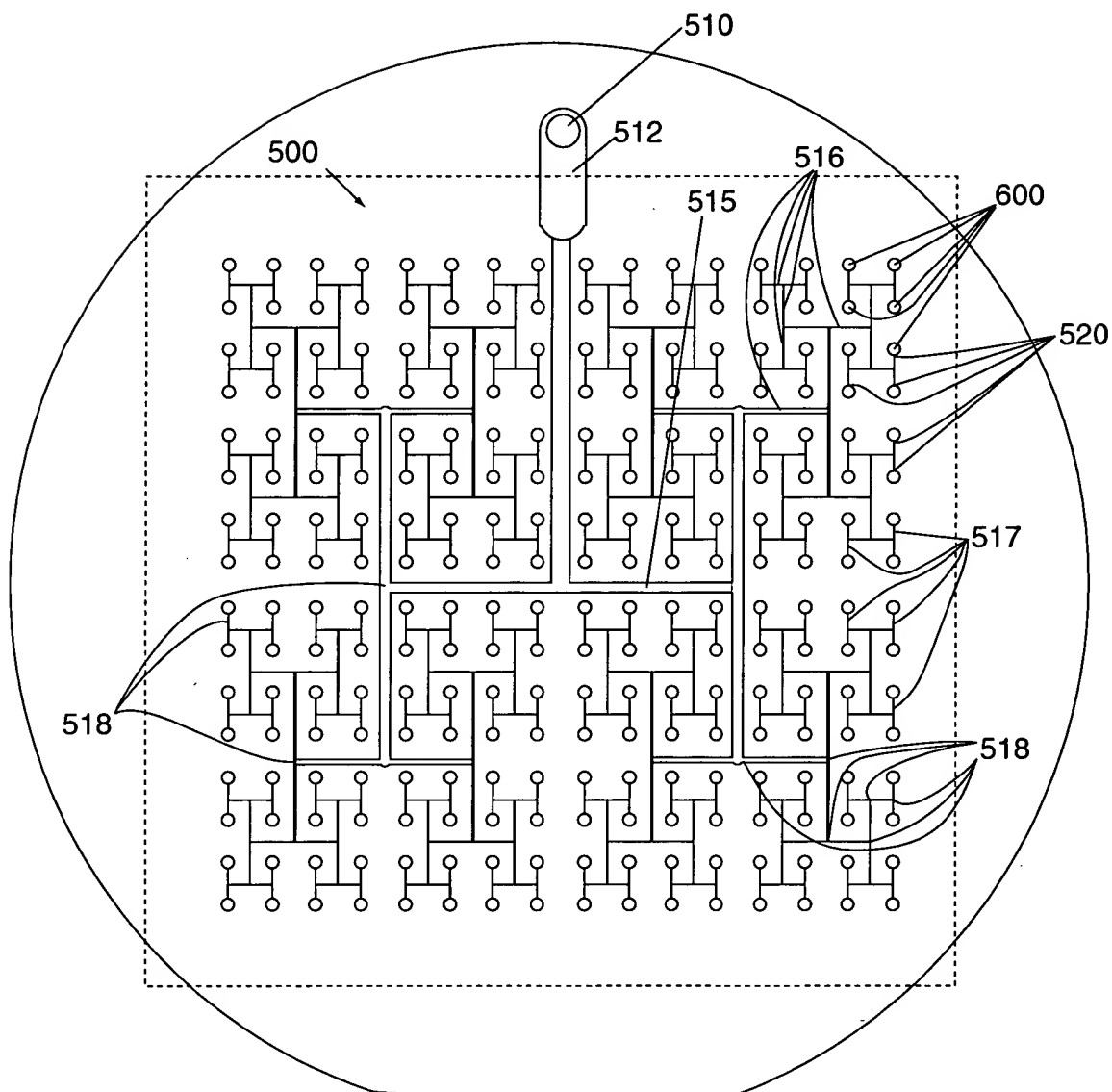
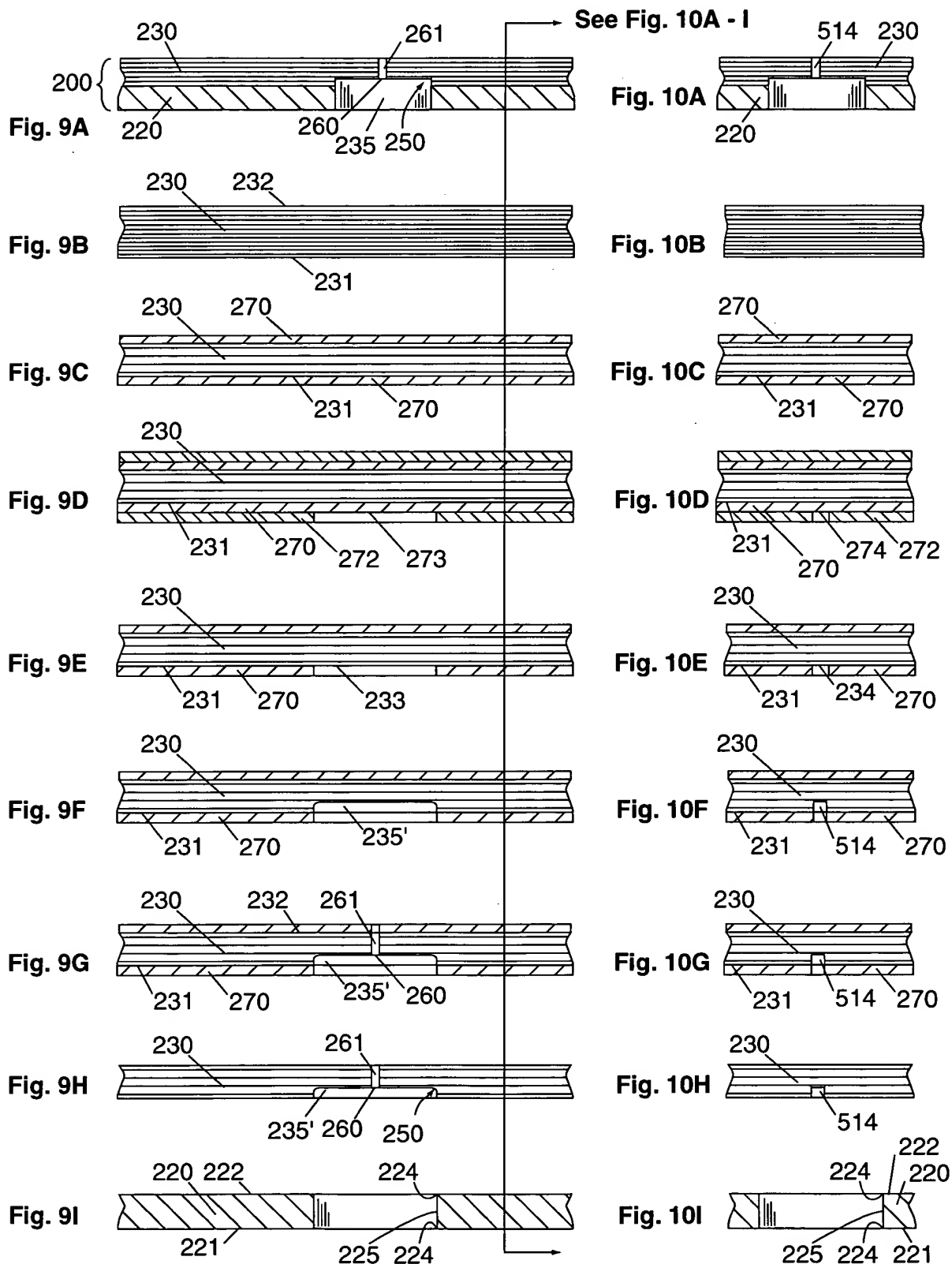


Fig. 71

**Fig. 8**

19/46



20/46

Fig. 11A

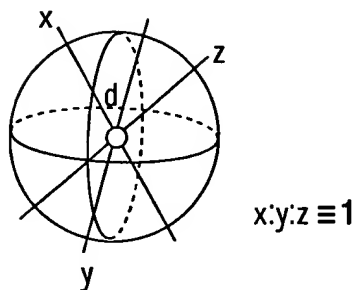


Fig. 11B

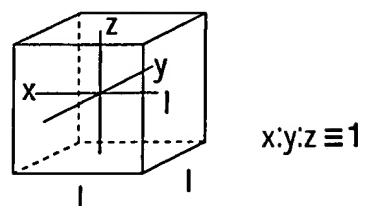


Fig. 11C

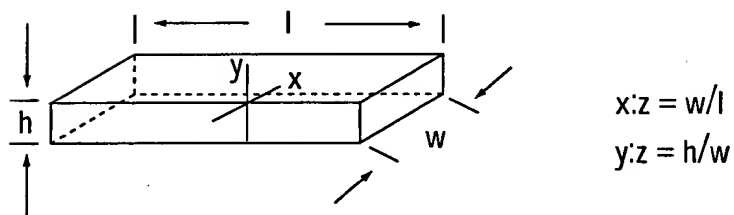


Fig. 11D

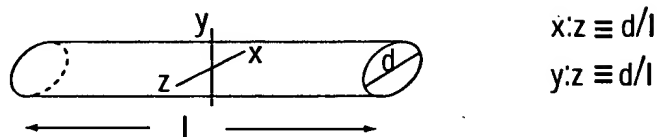


Fig. 11E

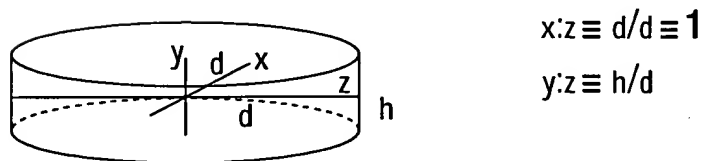
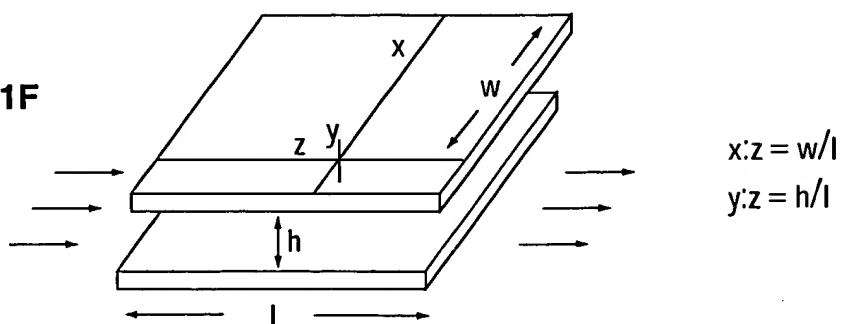


Fig. 11F



21/46

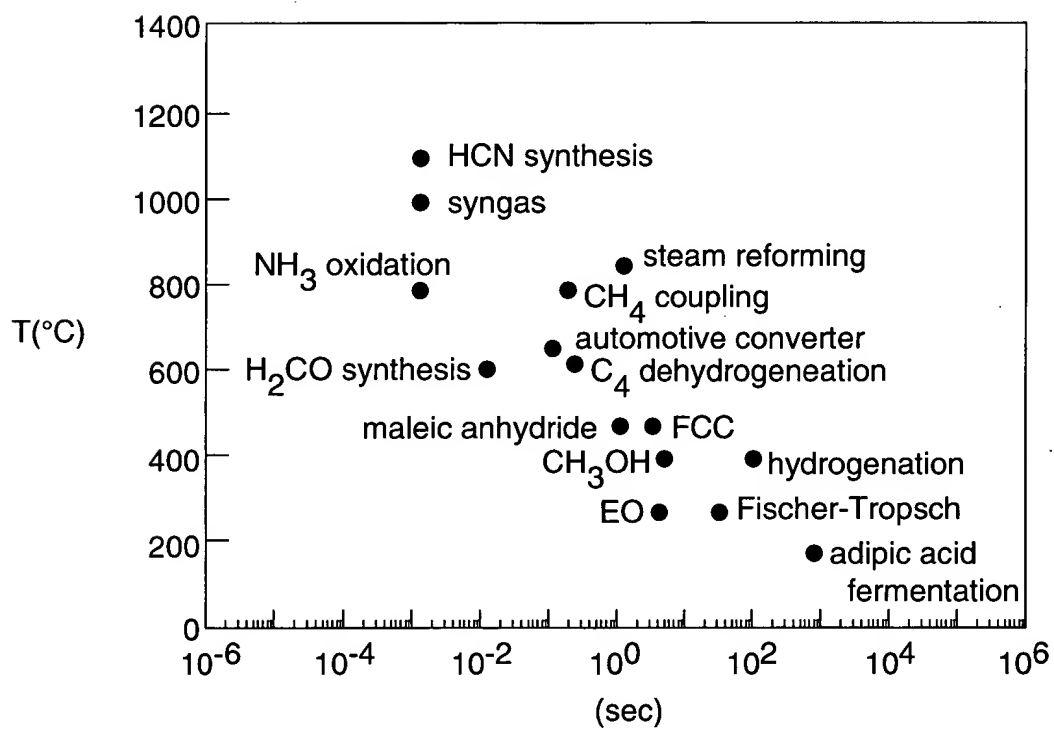
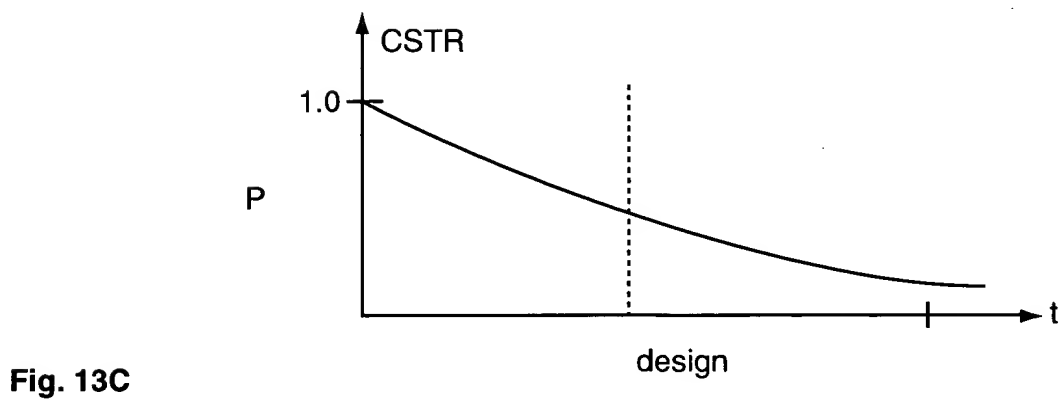
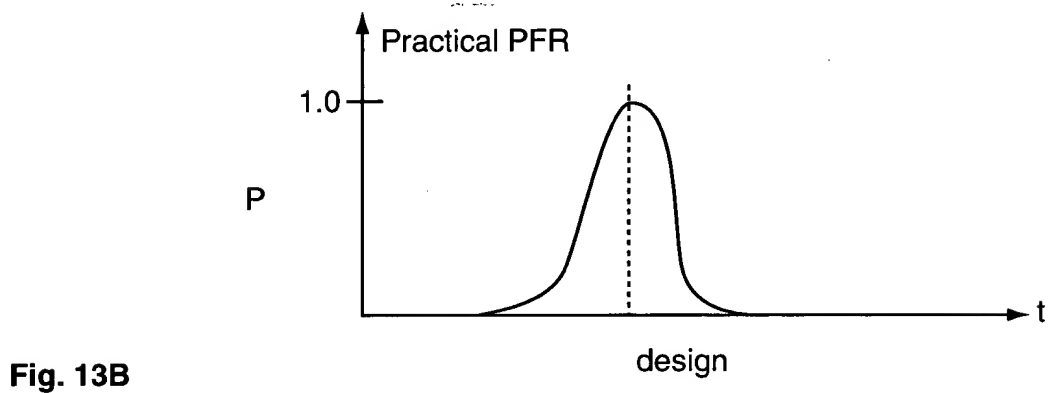
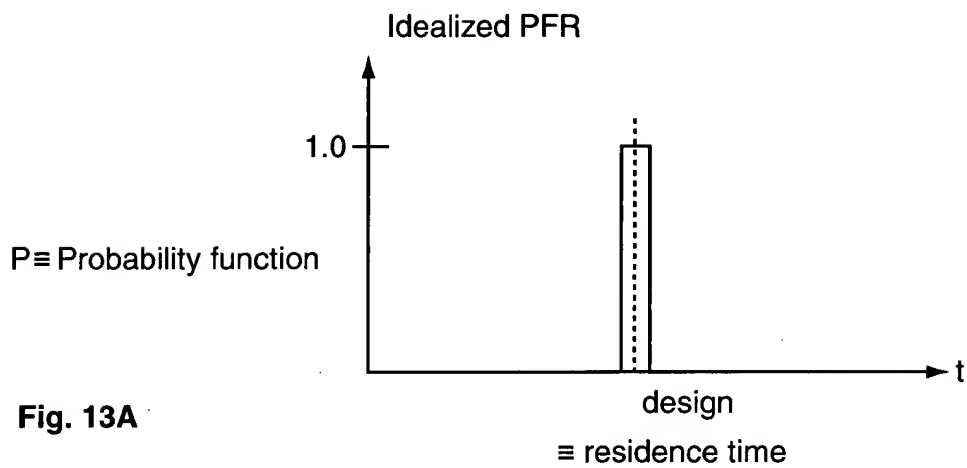


Fig. 12

22/46



23/46

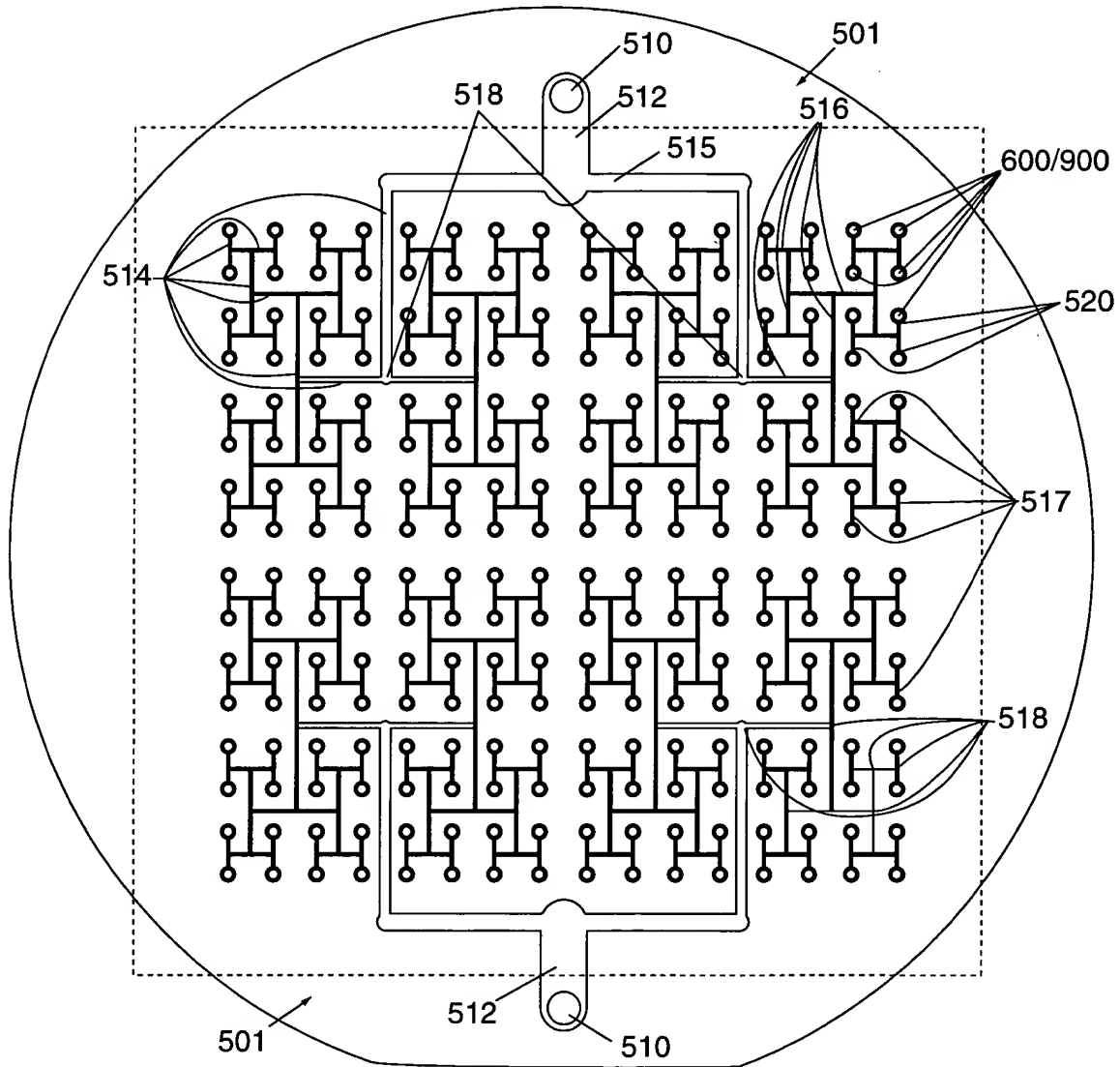
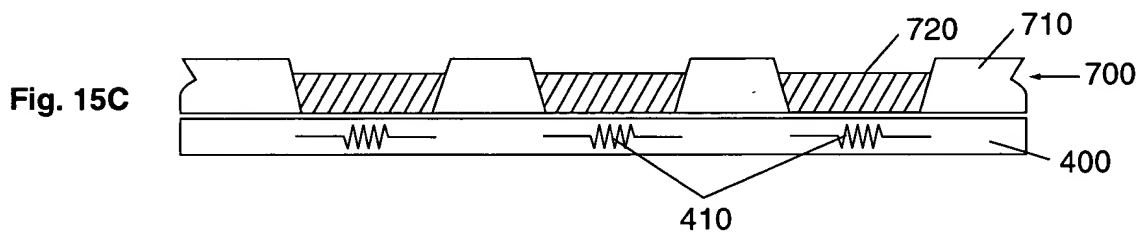
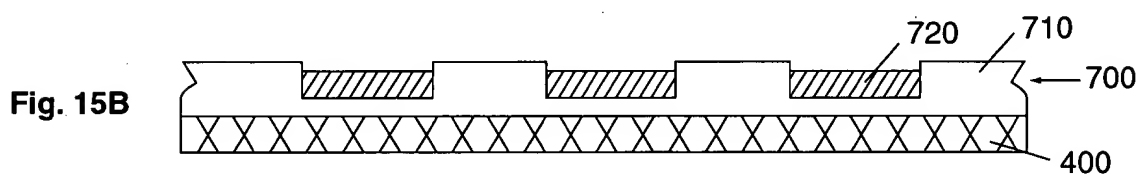
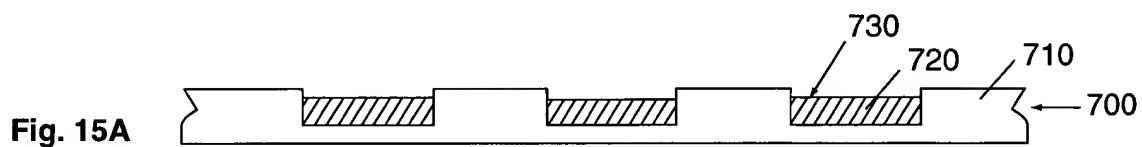


Fig. 14

24/46





25/46

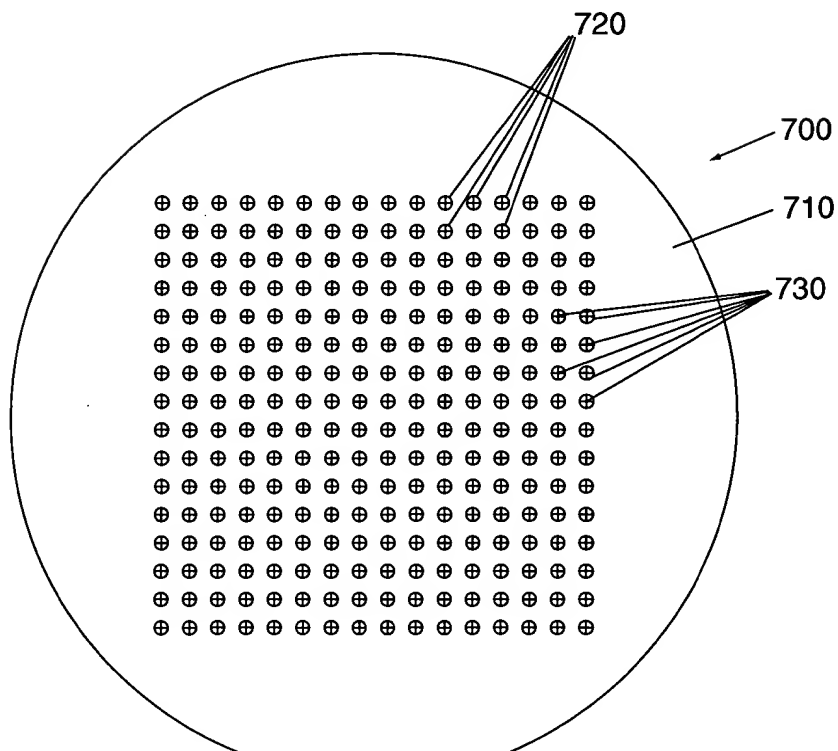


Fig. 16A

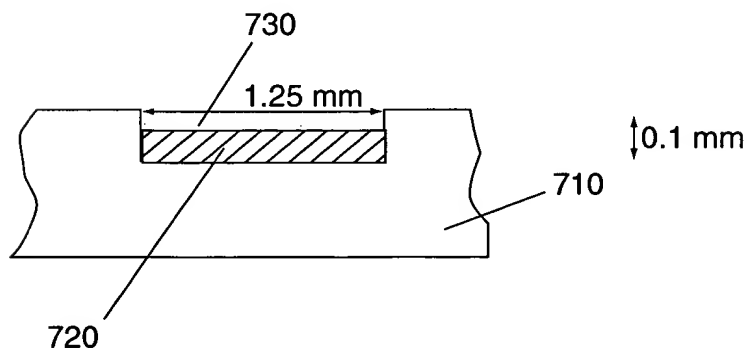
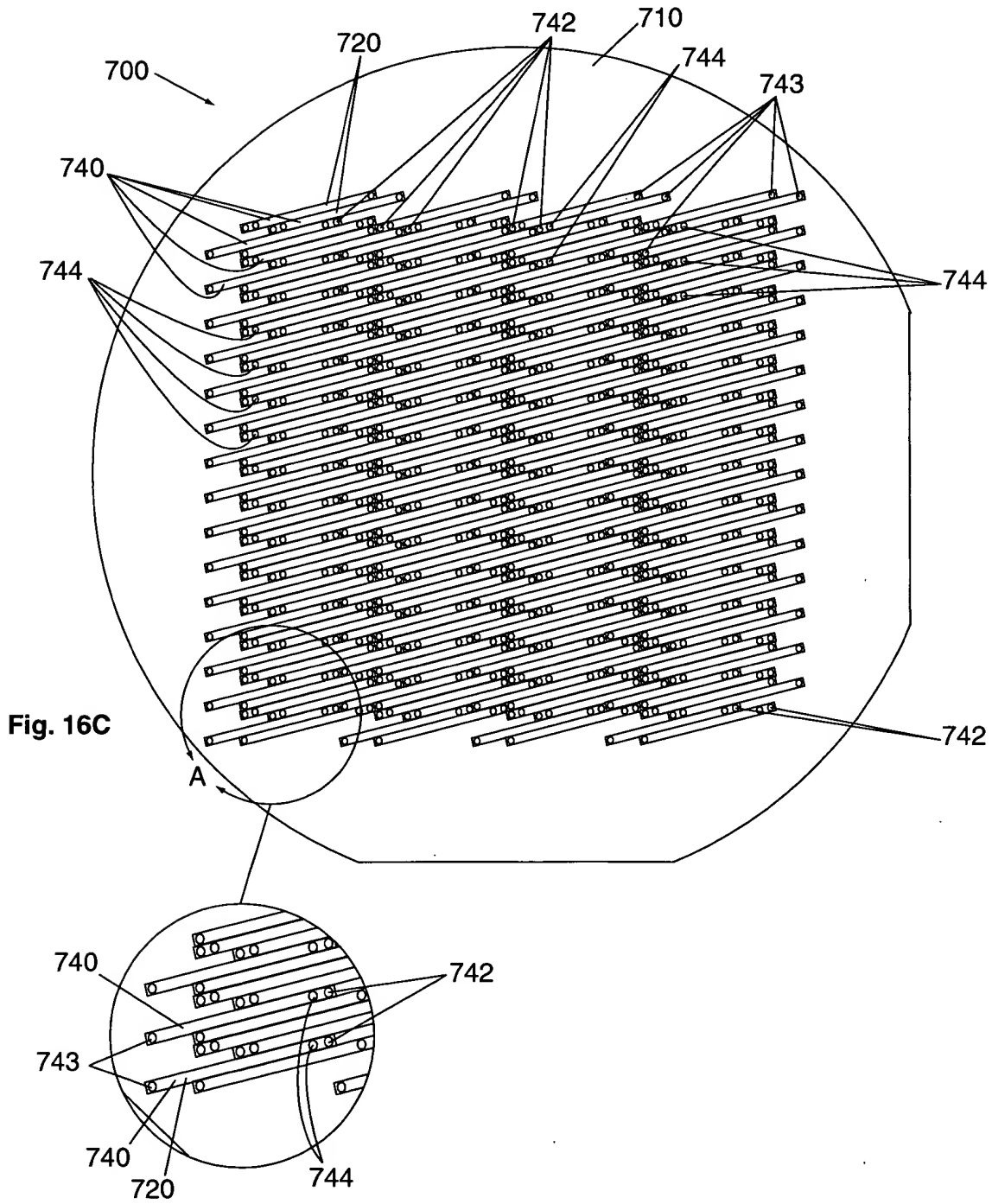


Fig. 16B

26/46



27/46

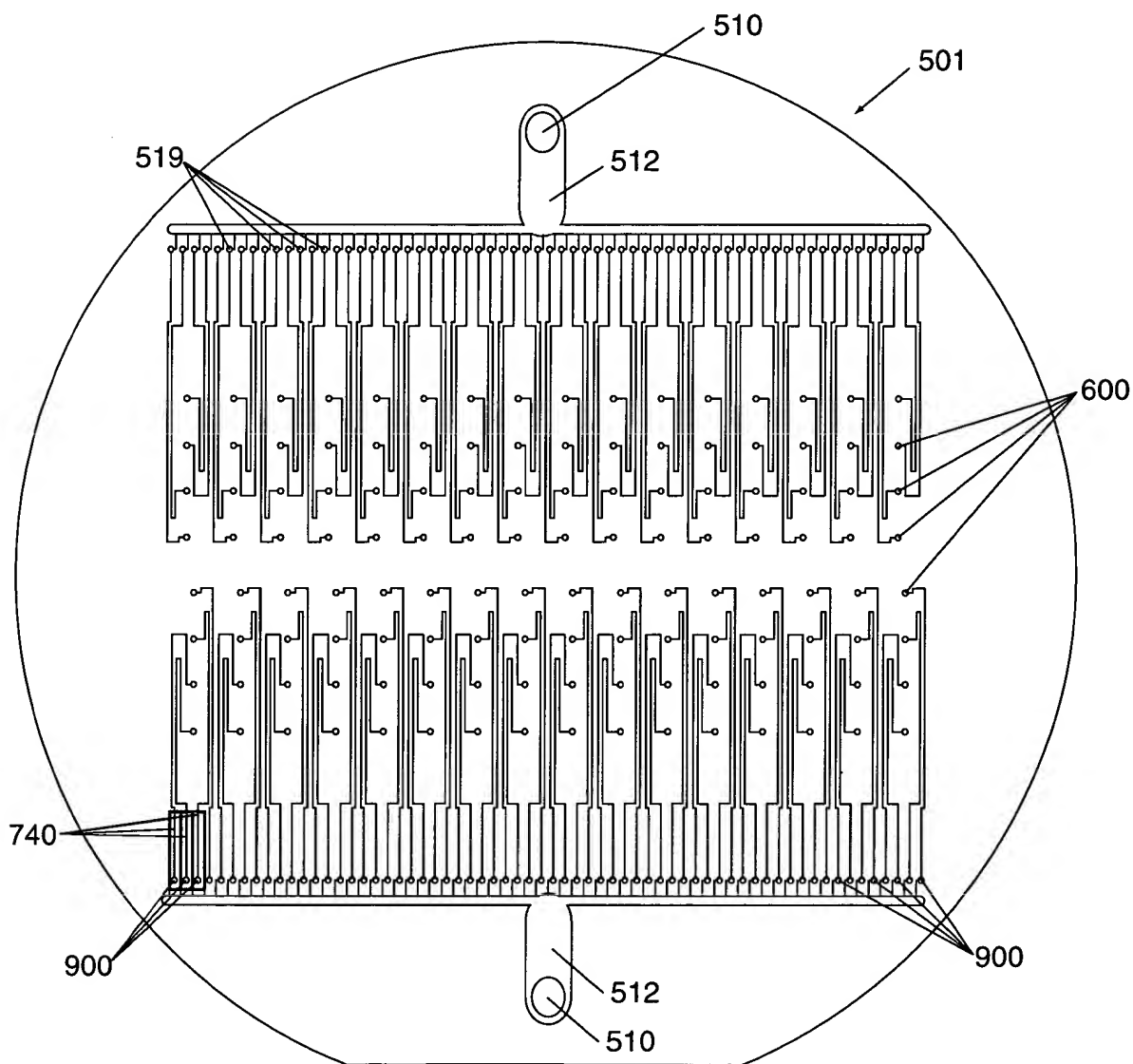


Fig. 16D

28/46

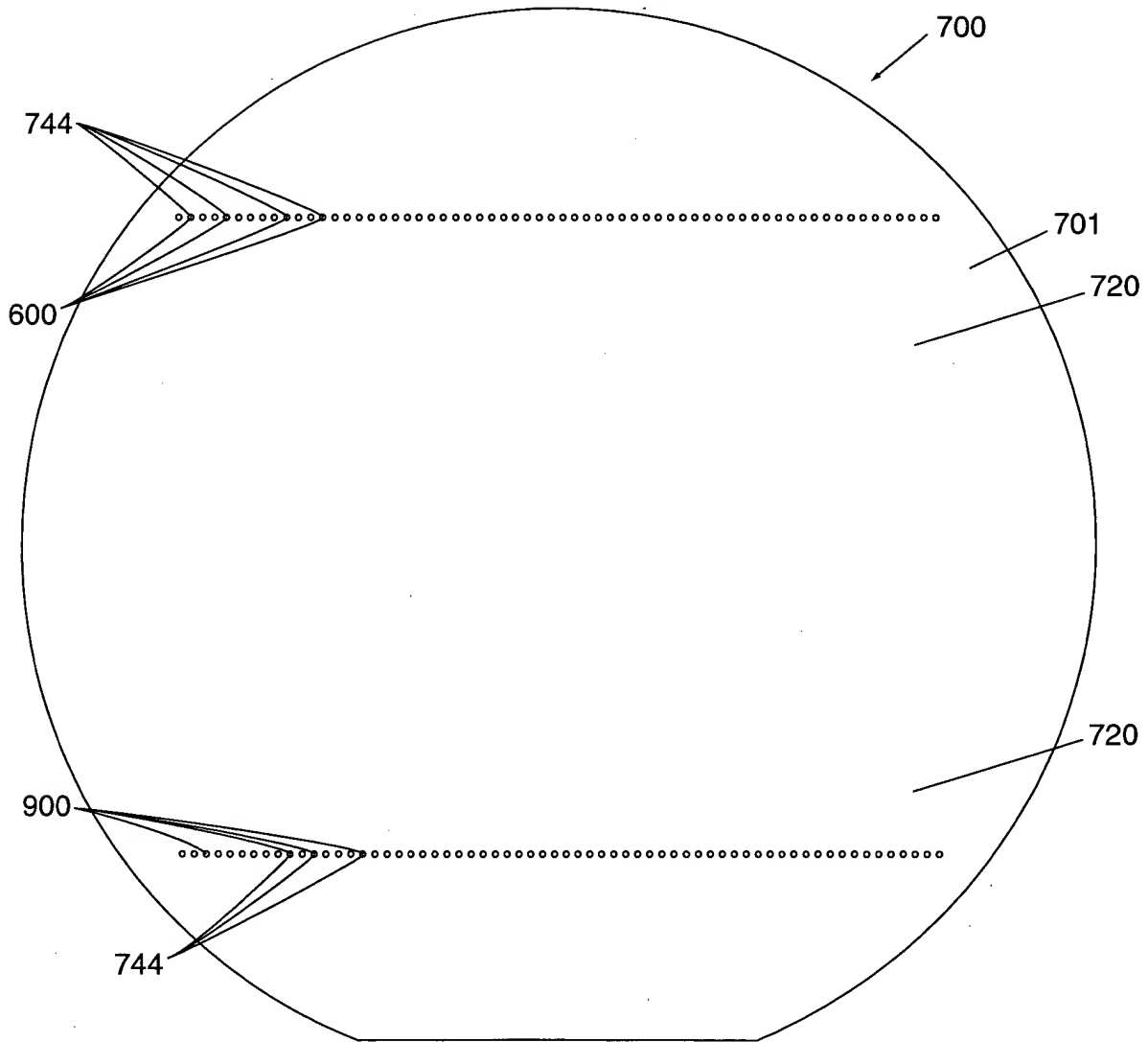
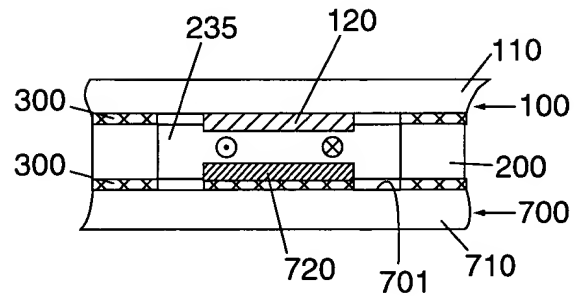


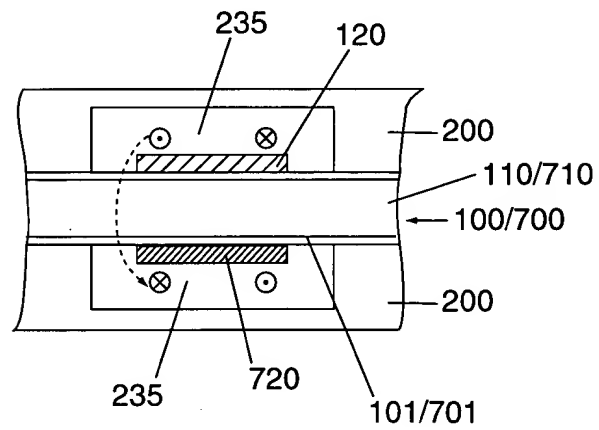
Fig. 16E

29/46

**Fig. 17A**



**Fig. 17B**



30/46

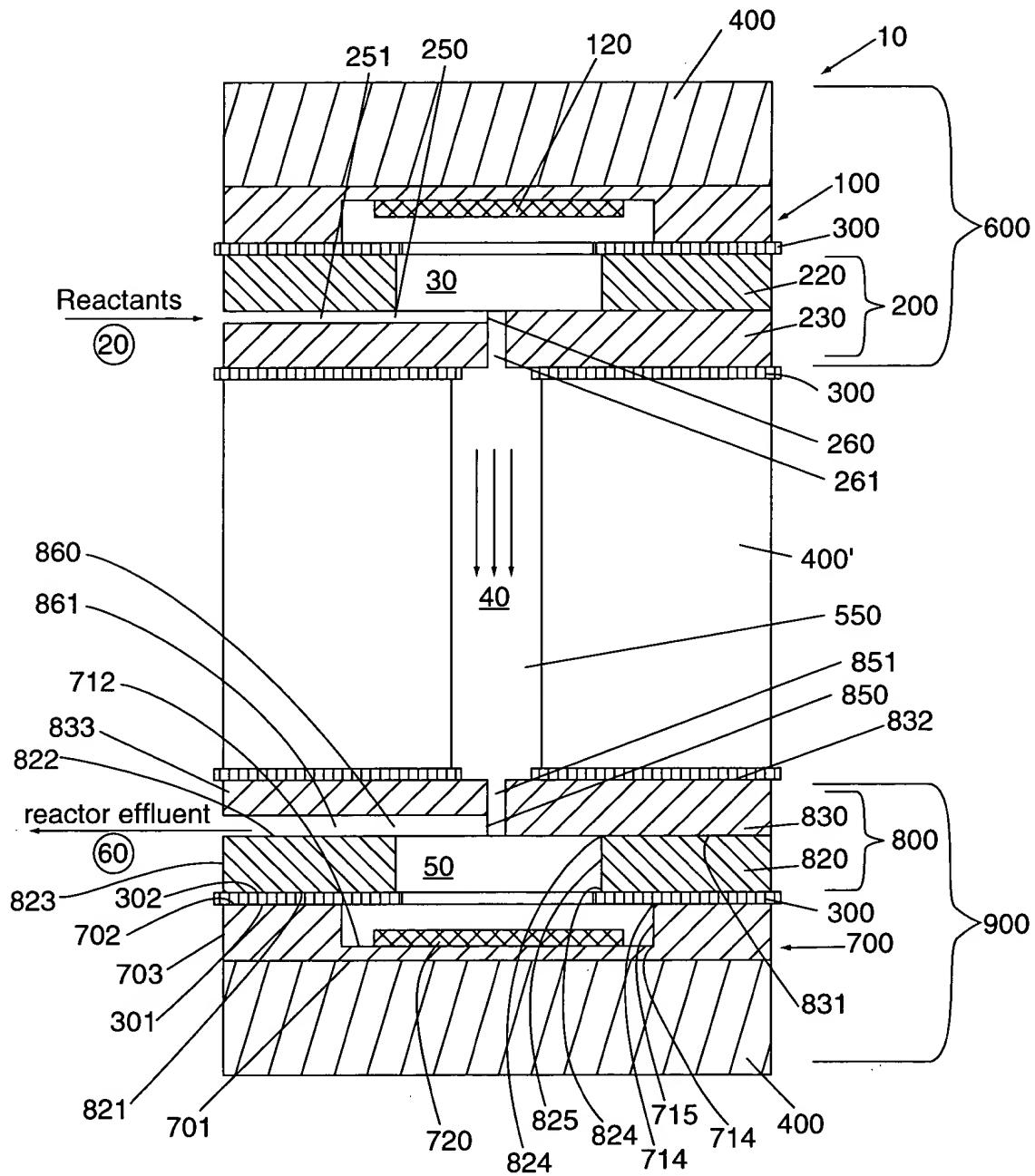
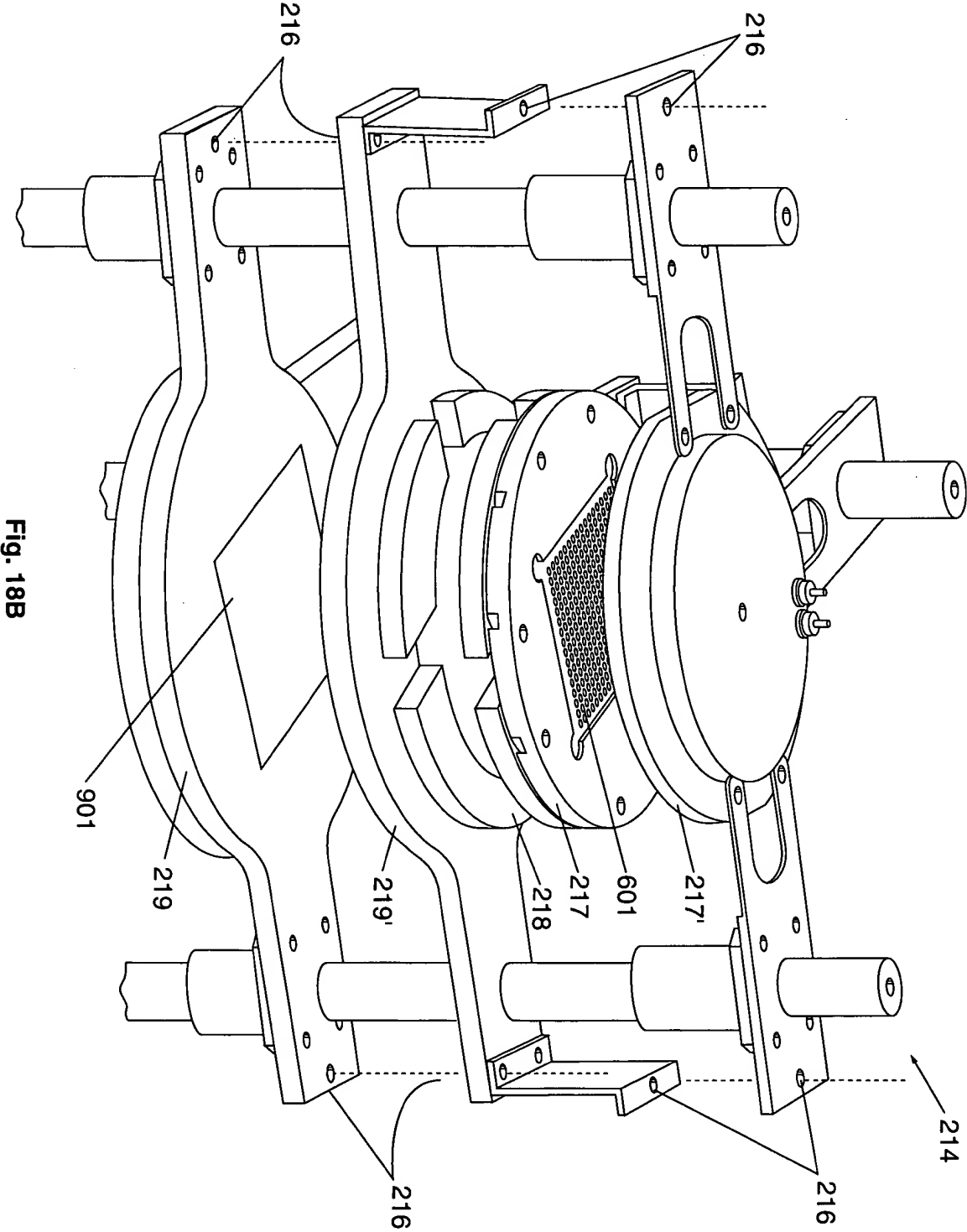


Fig. 18A

31/46



32/46

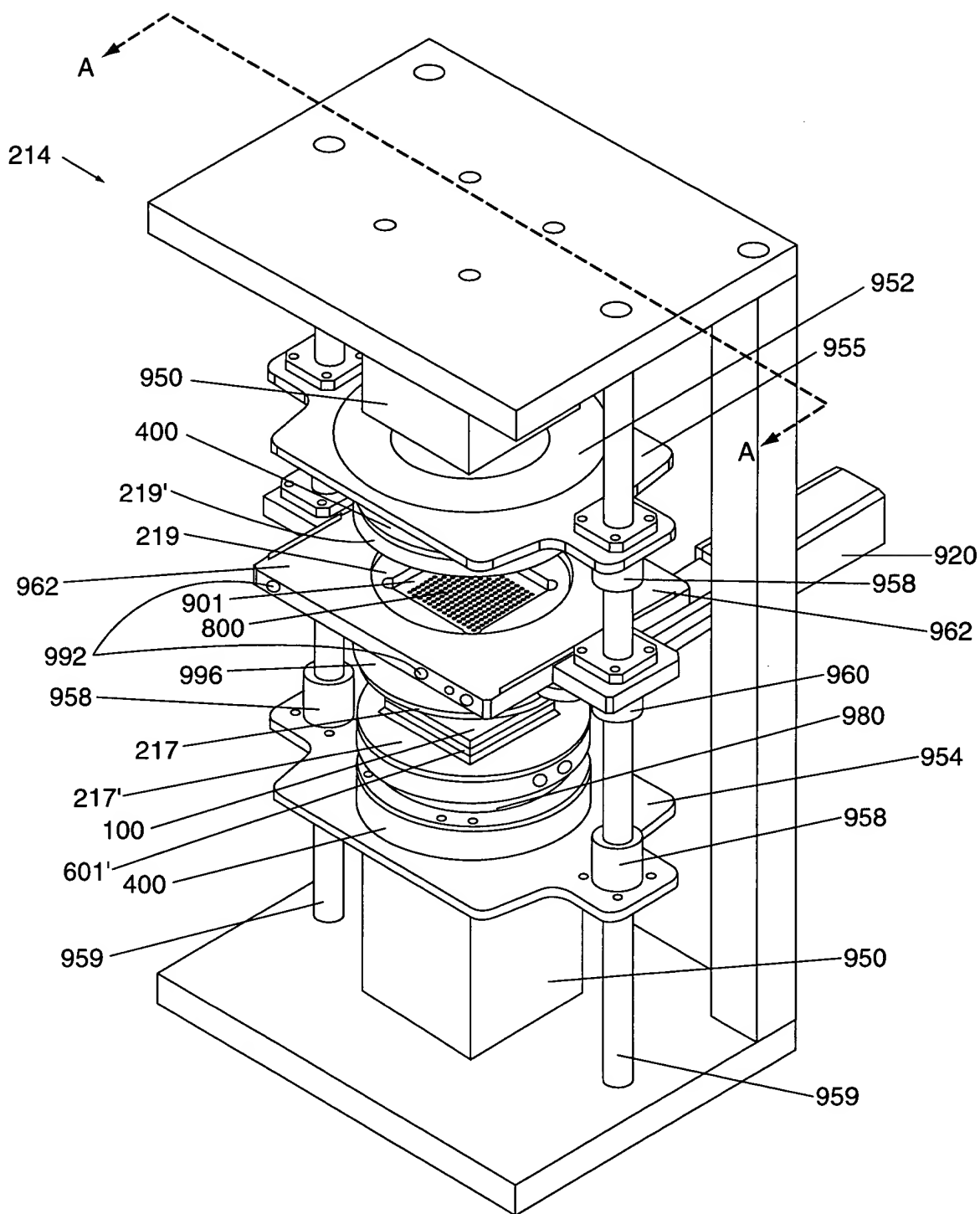
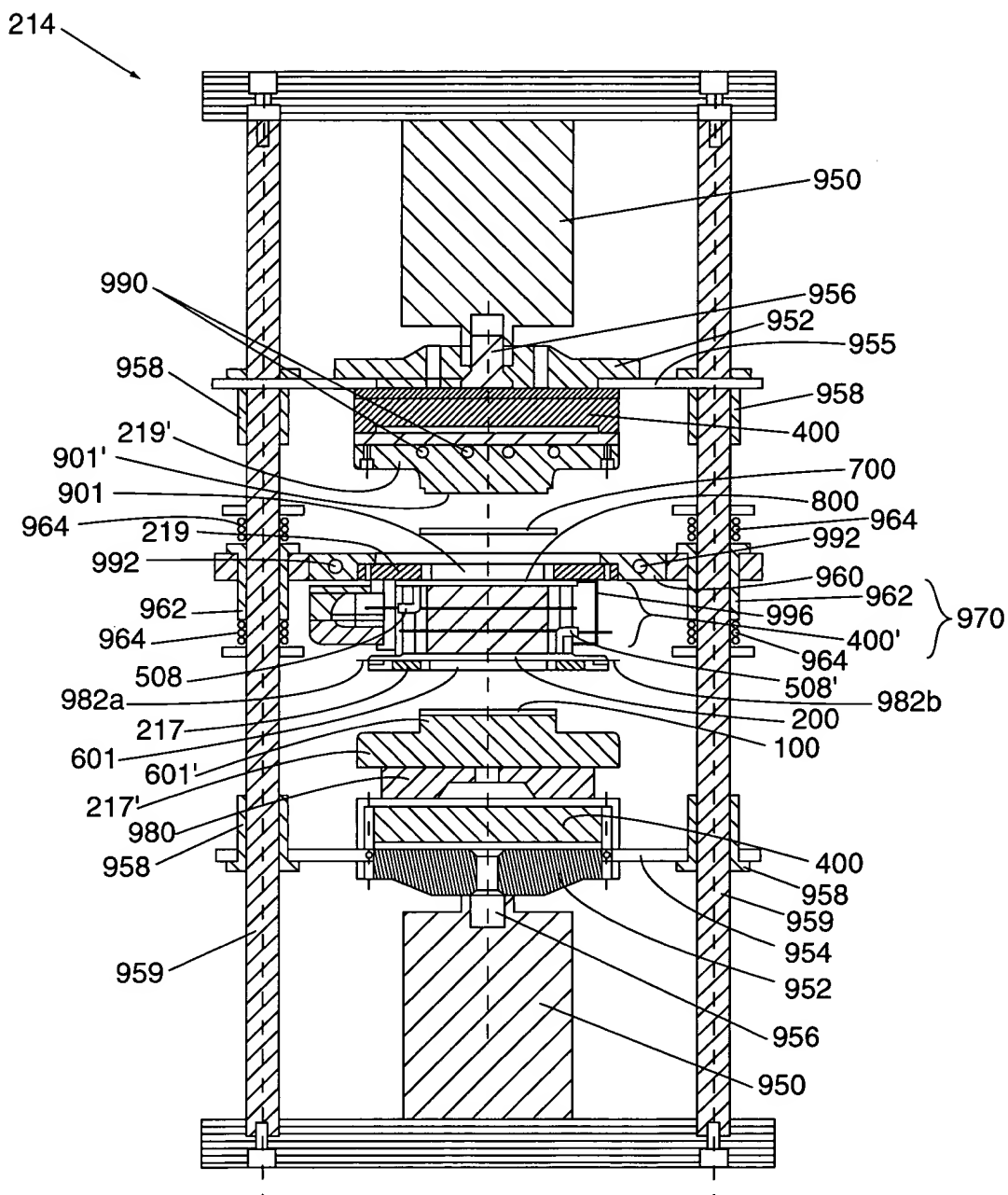


Fig. 18C





**Fig. 18D**

34/46

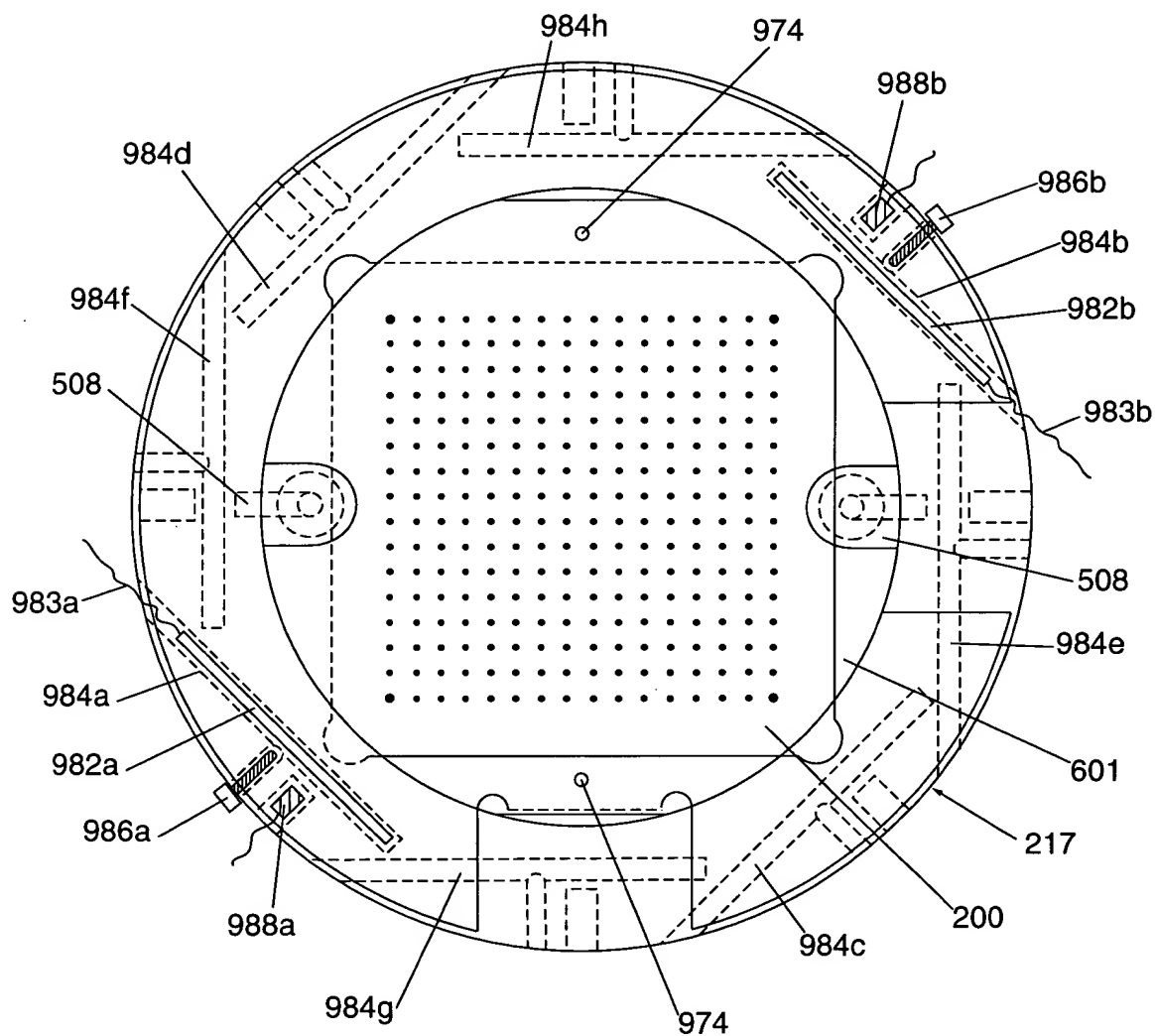


Fig. 18E

35/46

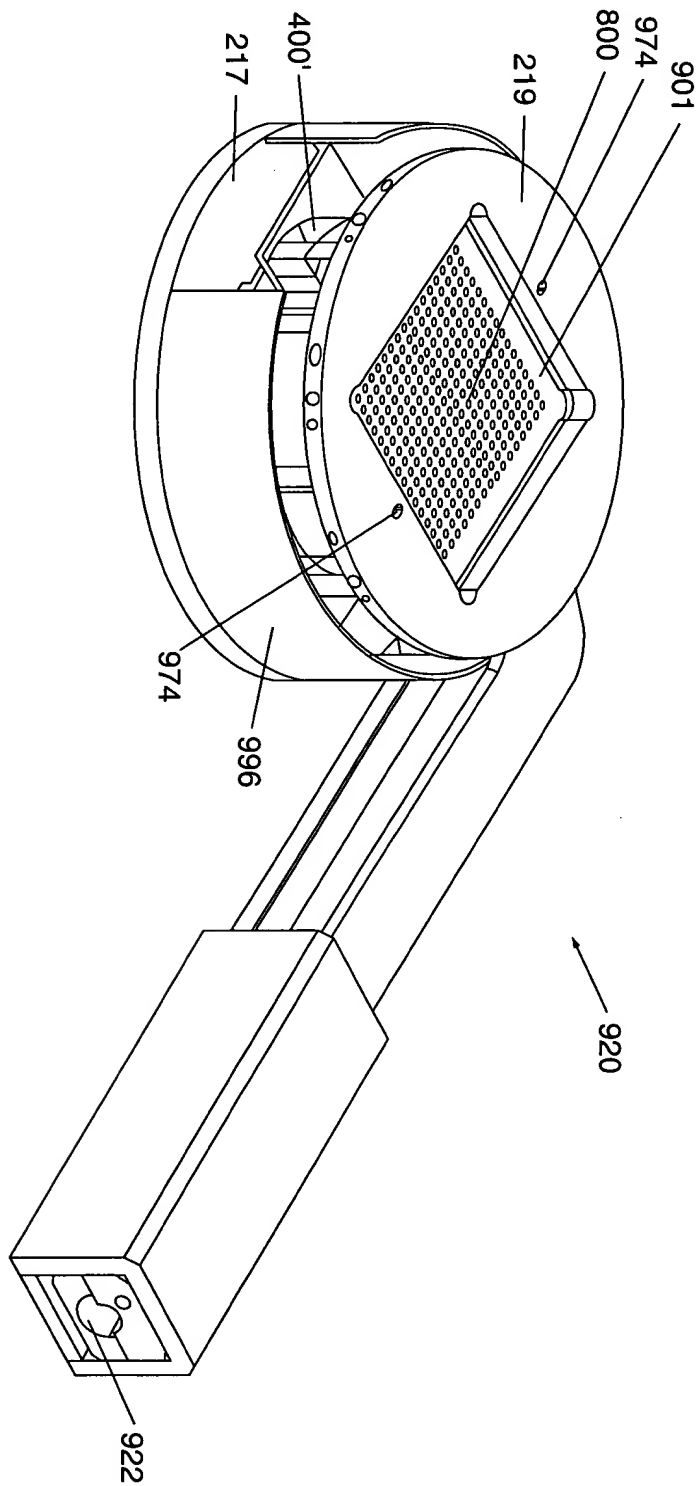
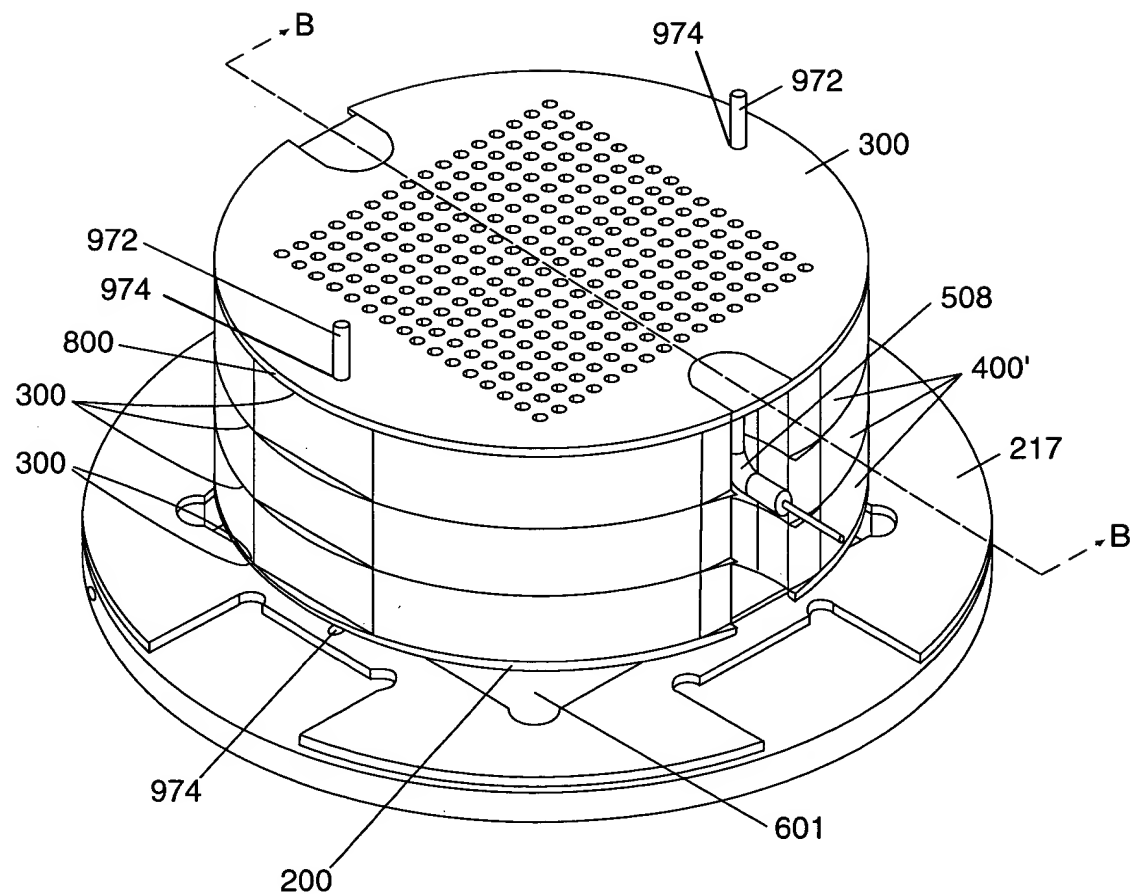


Fig. 18F



**Fig. 18G**

37/46

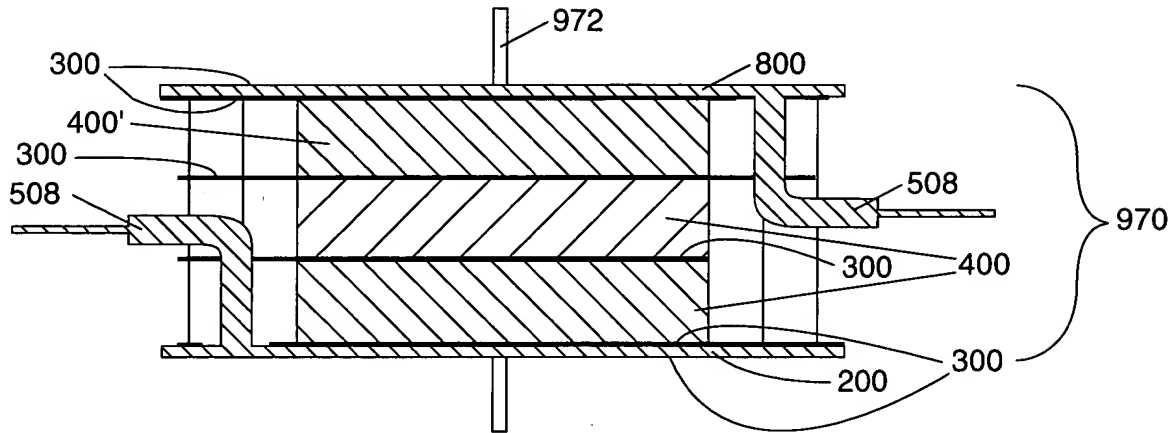


Fig. 18H

38/46

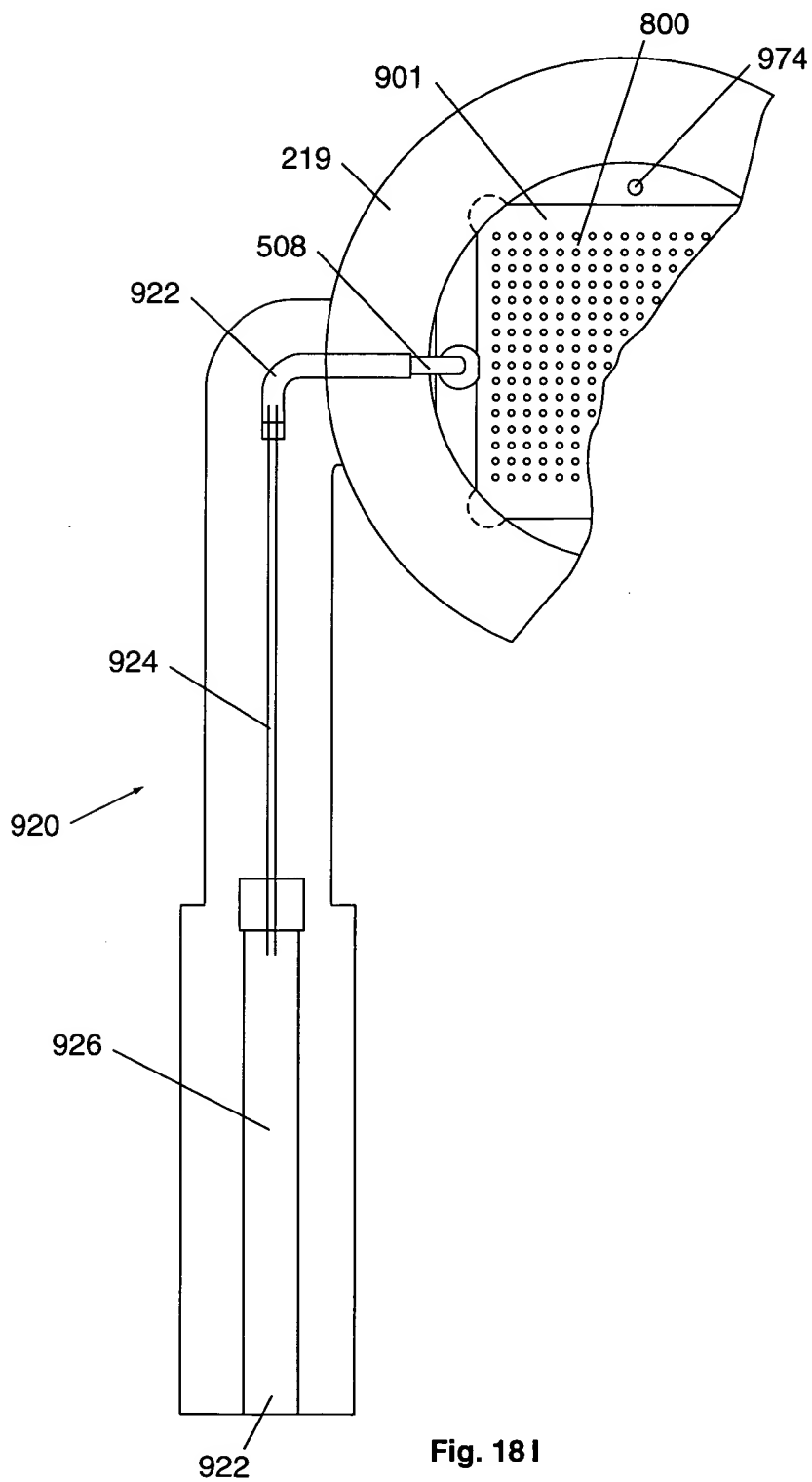


Fig. 181

39/46

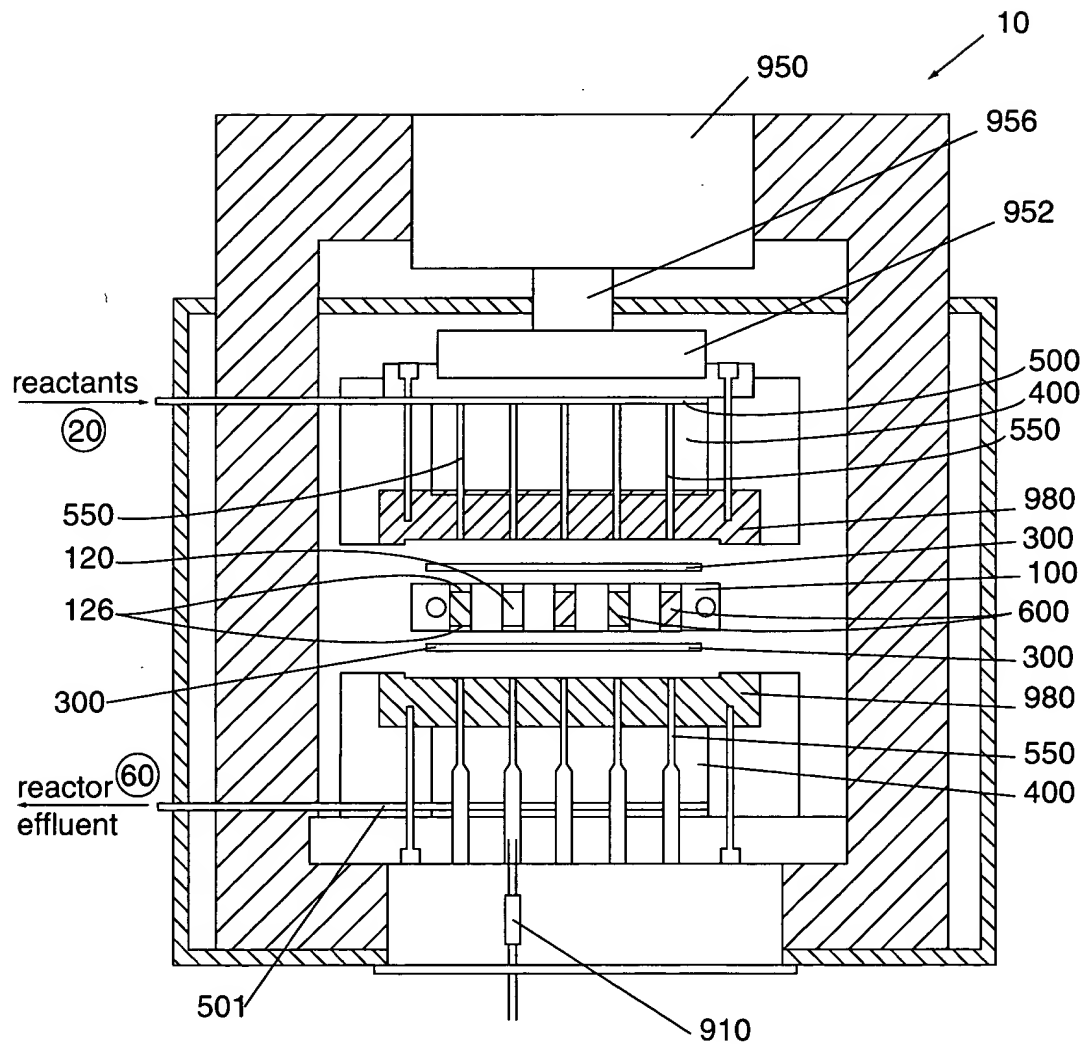


Fig. 18J

40/46

Fig. 19A

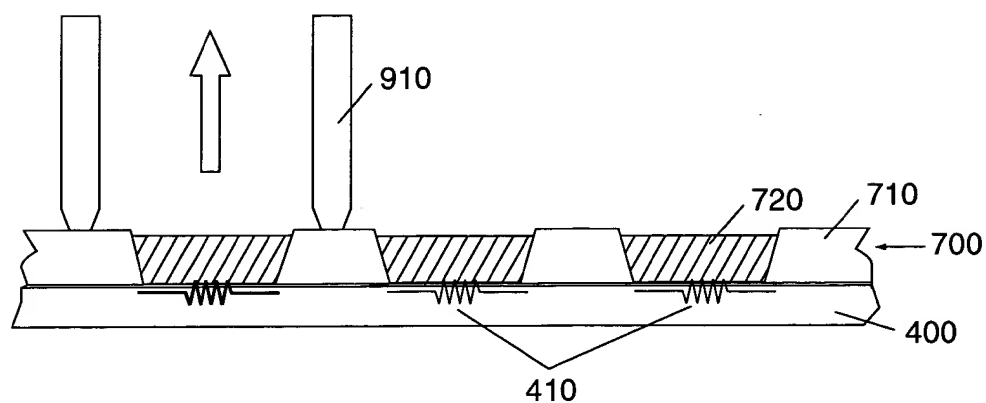


Fig. 19B

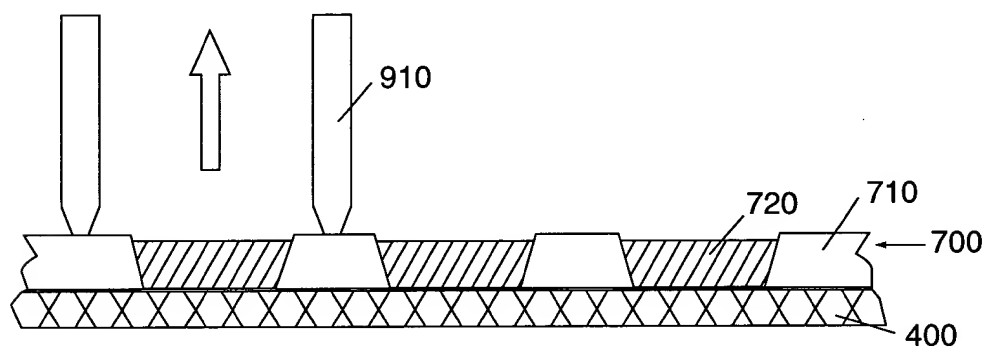
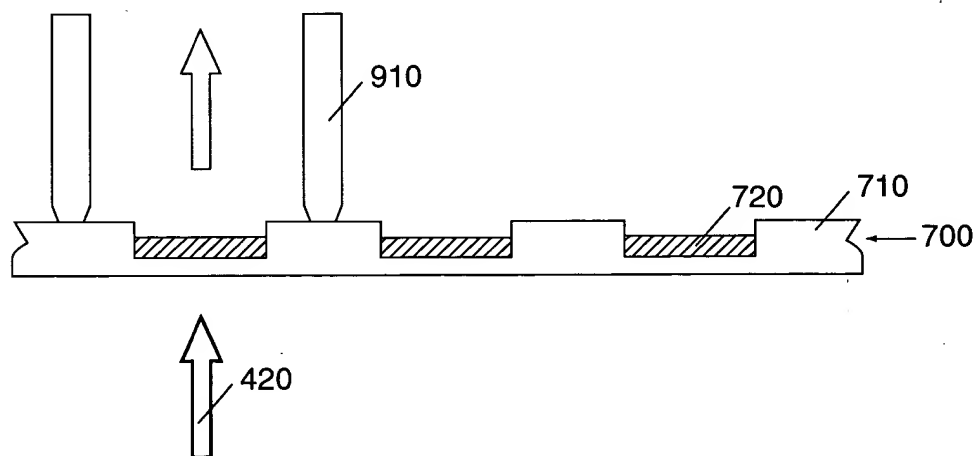


Fig. 19C





41/46

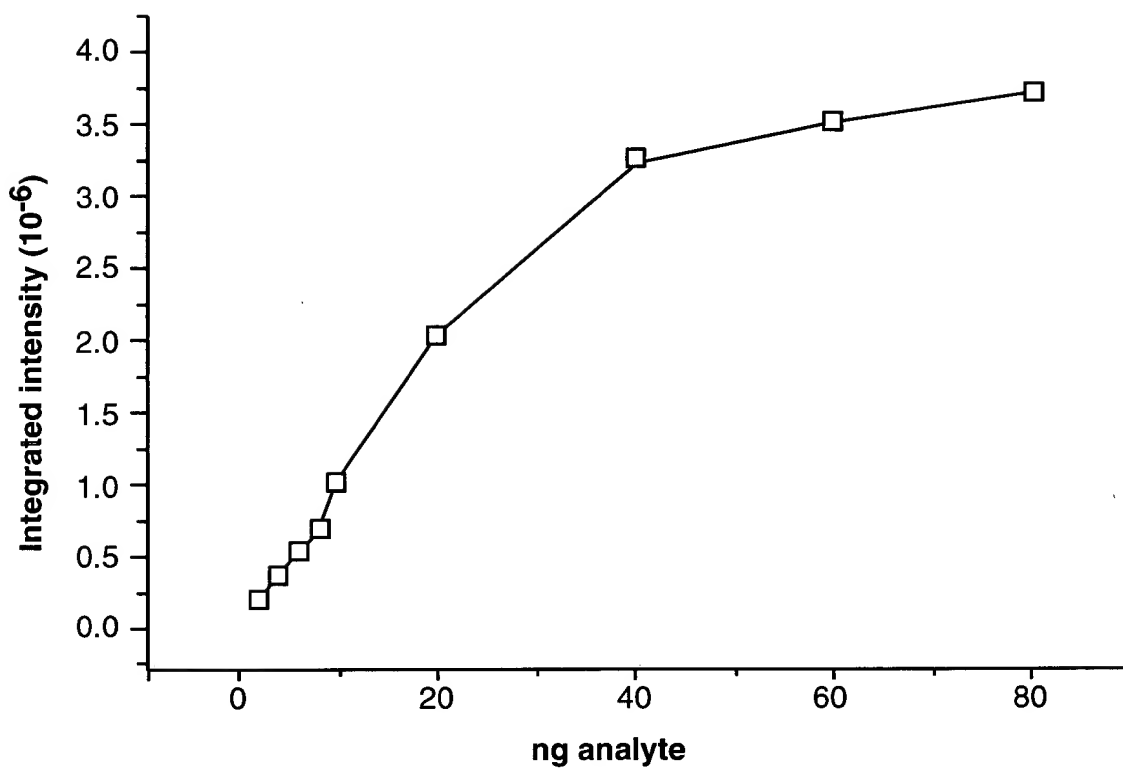


Fig. 20A

42/46

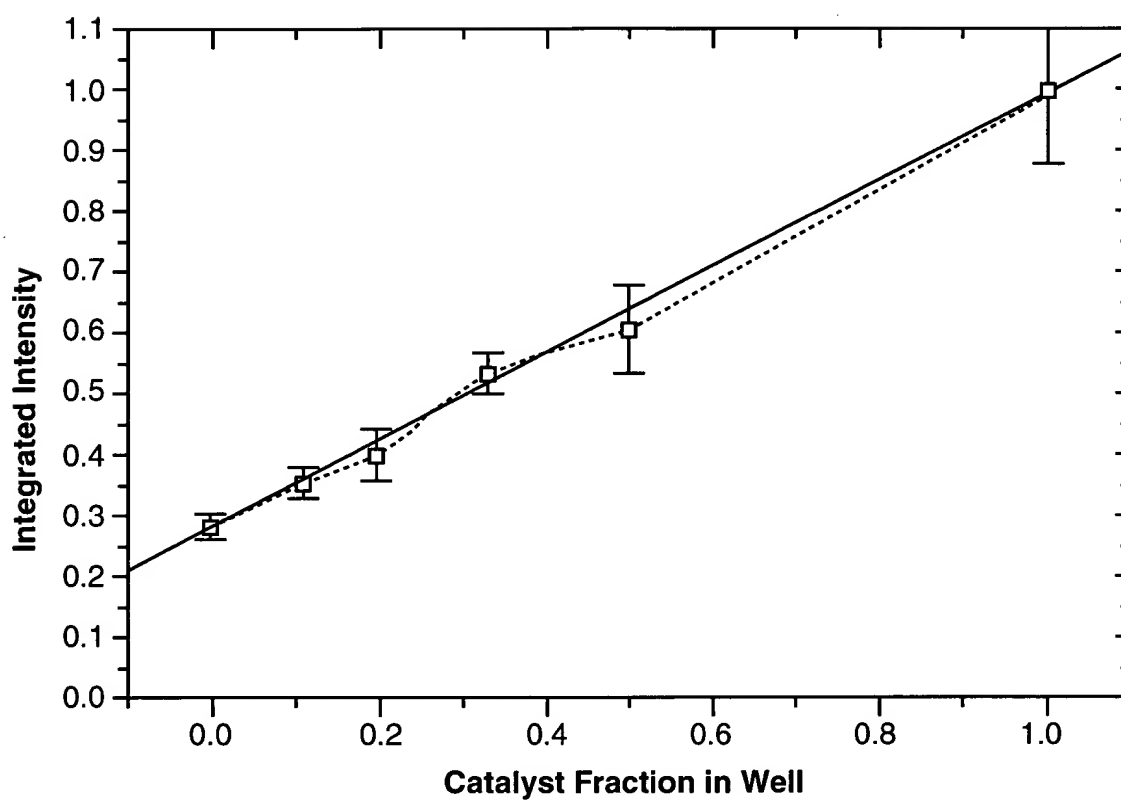


Fig. 20B

43/46

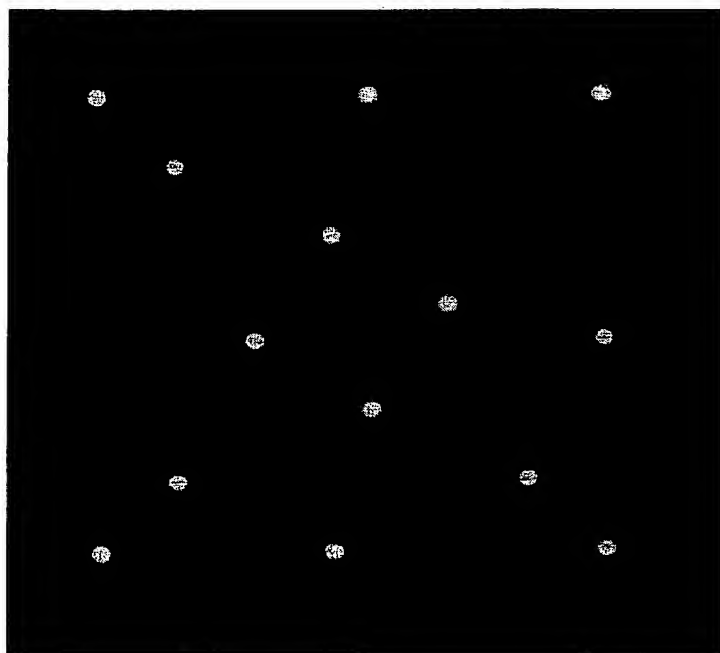


Fig. 20C

44/46

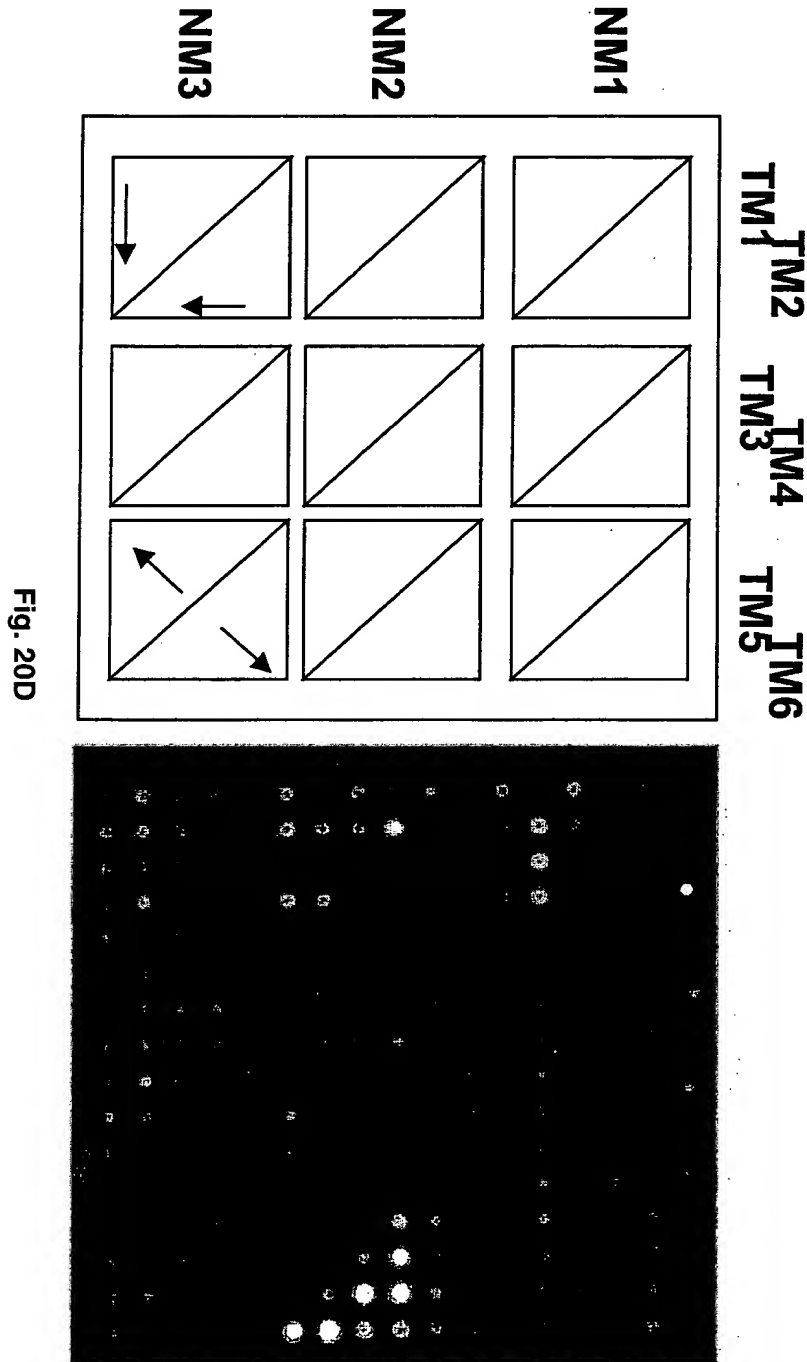
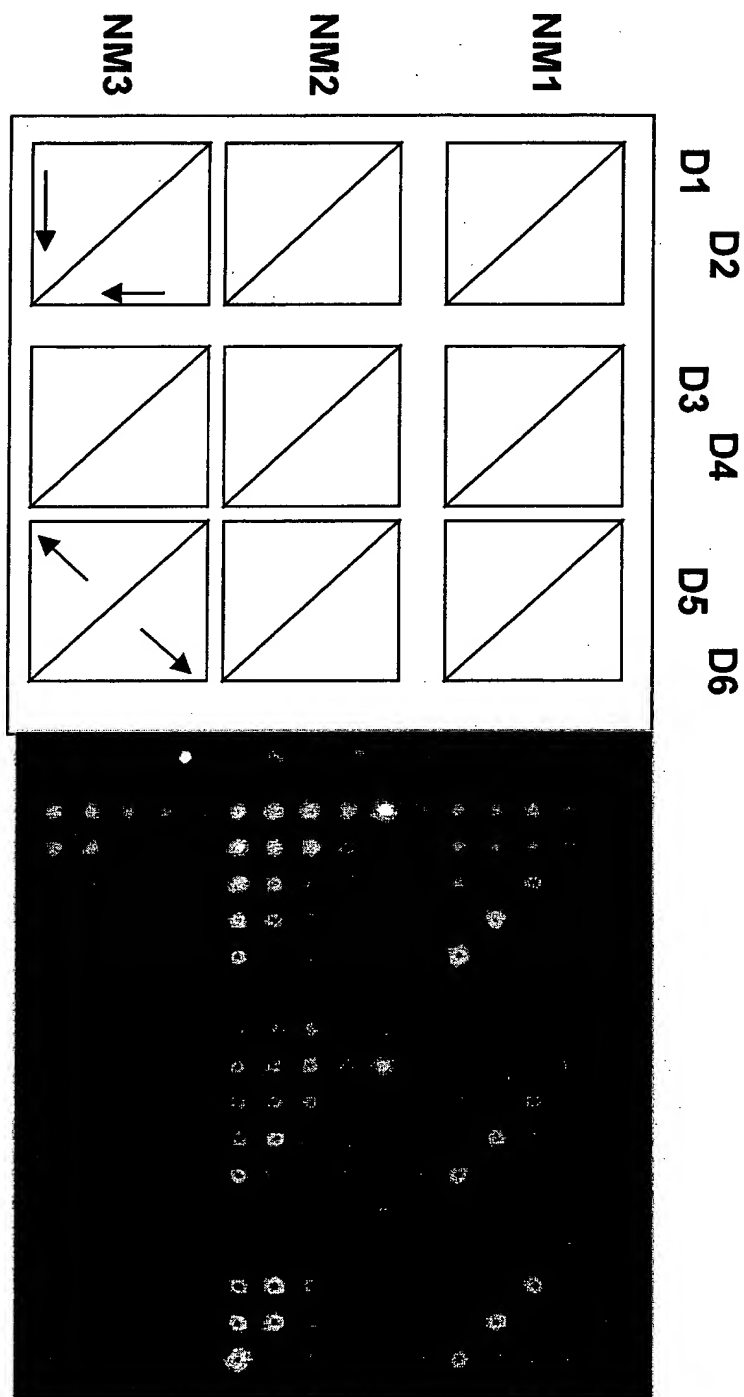


Fig. 20D

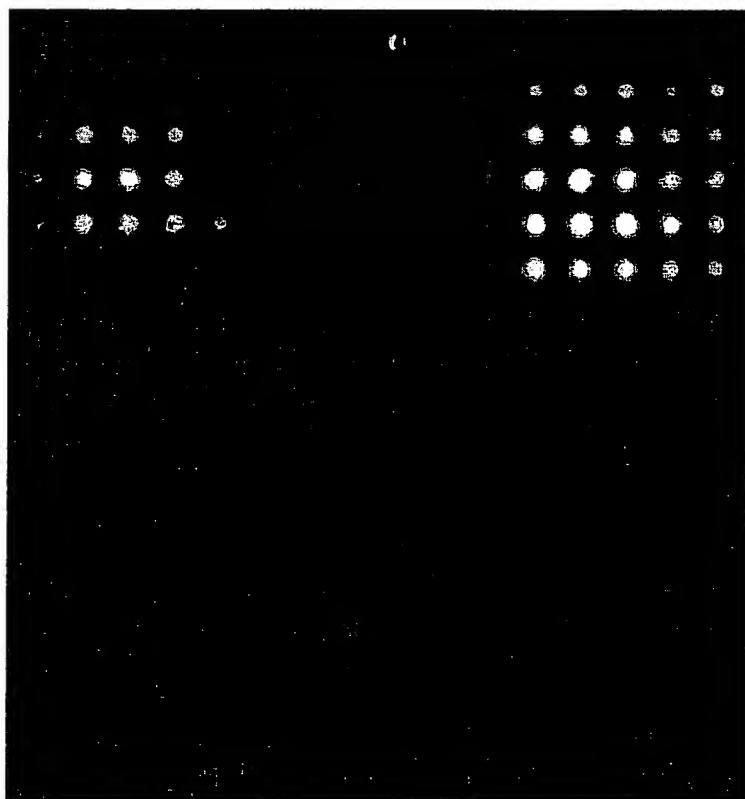
45/46



46/46

$\text{ZrO}_2$	$\text{SiO}_2$	$\text{Al}_2\text{O}_3$
$\text{TiO}_2$	$\text{SiO}_2$	$\text{Al}_2\text{O}_3$
$\text{TiO}_2$	$\alpha\text{-Al}_2\text{O}_3$	$\gamma\text{-Al}_2\text{O}_3$

Fig. 20F



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